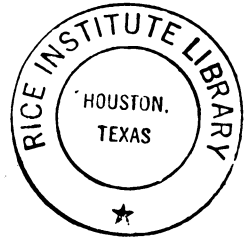


THE RICE INSTITUTE



PHOTOELASTIC ANALYSIS OF THE STRESSES NEAR THE
BOTTOM OF A CYLINDRICAL CAVITY DUE TO NON-SYMMETRICAL
LOADING

by

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NOTATION

- R, θ, ZCylindrical coordinates
- $\sigma_r, \sigma_\theta, \sigma_z$Normal stress components in cylindrical coordinates, psi
- $\tau_{rz}, \tau_{r\theta}, \tau_{\theta z}$Shearing stress components in cylindrical coordinates, psi
- nFringe order
- mIntegral fringe order for each node
- ϕAngle of rotation of polariscope analyzer to bring the integral fringe order in coincidence with node, degrees (Tardy Method of Compensation)
- θIsoclinic angle, degrees. (See Figure 14)
- ηAngle of counterclockwise rotation from normal incidence about the Z axis of an RZ slice, degrees
- tThickness of slice, inches
- fFringe constant for material, pounds per inch per fringe order
- Subscript 1....Refers to photoelastic quantities obtained from $R-\theta$ planes ($Z = \text{constant}$) viewed at normal incidence
- Subscript 2....Refers to photoelastic quantities obtained from RZ planes viewed at oblique incidence

NOTATION Continued

- Subscript 3....Refers to photoelastic quantities obtained from the XZ plane viewed at normal incidence
- Subscript 4....Refers to photoelastic quantities obtained from the YZ planes viewed at normal incidence
- Unsubscripted..Photoelastic quantities obtained from RZ planes ($\Theta = \text{constant}$) viewed at normal incidence have no subscript
- $\bar{r}$Hole radius, inches
- rRadial distance from centerline, inches
($r = R \bar{r}$)
- h_r, h_zDistance between nodes in the R and Z directions respectively, inches
- h_ΘAngular displacement between nodes in the Θ direction, radians
- h_x, h_yDistance between nodes in the X and Y directions respectively, inches
- p and qAlgebraically largest and smallest principal stresses respectively, psi
- PPressure, psi
- $\sigma_x, \sigma_y, \sigma_z$Normal stress components in rectangular coordinates, psi
- $\sigma_x^*, \sigma_y^*, \sigma_z^*$..Normal stress components far removed from the cavity in rectangular coordinates, psi

INTRODUCTION

Interest in the problem of determining the stresses near the bottom of a vertical cylindrical cavity, induced by body forces of the material in which the cavity exists and by fluid pressure inside the cavity, originated in the petroleum industry. Engineers in the petroleum industry have long been aware of their lack of knowledge concerning the stresses that exist in the medium that surrounds a hole drilled into the earth's crust. In order to produce such a hole in the earth, it is necessary to remove material by causing structural failure, whatever the criterion for failure may be. For this and other reasons it is desirable to know the nature of these stresses. The stresses existing at the bottom of a vertical cylindrical cavity drilled into the earth's crust are due to overburden or geostatic stress at the particular hole depth and hydrostatic pressure inside the cavity. If the material is permeable, the stresses are also affected by the pore pressure of the fluids within the material. Actually the materials in the earth's crust are non-homogeneous, permeable, and anisotropic. Because of this, the problem of determining the stresses near the bottom of a hole drilled into such a material becomes so complex that even an experimental method is not available. Previous investigators have obtained numerical and experimental solutions to the problem by assuming that the material is

homogeneous, isotropic, nonporous, perfectly elastic, and that the stress state in the material far removed from the cavity is hydrostatic and equal to the pressure of the overlying material. Whitworth^{1*} and Woods² have obtained numerical solutions, while Word^{3,4} has obtained a three dimensional photoelastic solution. Durelli and Deily⁵ obtained surface stresses only by photoelastic means.

Actually, however, the general state of stress in the crust of the earth is not hydrostatic. This is apparent from the fact that over long periods of time, rocks in the earth's crust are repeatedly deformed to the limit of failure by faulting and folding. Substantial differences between the principal stresses are required to produce such failures. Hubbert and Willis⁶ have made estimates of the magnitudes and directions of the normal stresses both in regions of normal faulting and thrust faulting. Therefore, it seems evident that a solution is needed that is not as restrictive as the assumption that a hydrostatic state of stress exists in the earth's crust.

This thesis is an attempt to obtain a three dimensional photoelastic solution for the stress state near the bottom of a cylindrical cavity when the stresses are induced by non-symmetrical geostatic loading and fluid pressure within the cavity.

An approximation to the actual problem of the vertical cylindrical fluid filled cavity drilled into the

*Numbers denote items in the Bibliography on page 29.

earth's crust, where the stresses σ_x^* , σ_y^* , and σ_z^* far removed from the cavity are non-symmetrical, can be represented by superposition of the stresses due to the four types of loading on the models in Figure 1.**

Loading 1 induces stresses which are axially symmetric and represents the state of stress due to a hydrostatic pressure being exerted on all sides of the model with the exception of inside the hole. Note that a slightly greater pressure must be applied to the surface containing the hole to maintain vertical equilibrium.

Loading 2 is where hydrostatic pressure is being exerted over all surfaces. The solution to this problem is of course known and is given by

$$\begin{aligned}\sigma_r &= \sigma_\theta = \sigma_z = -P_b \\ \tau_{rz} &= \tau_{r\theta} = \tau_{\theta z} = 0.\end{aligned}\tag{1}$$

Loading 3 is the case where uniaxial compression is applied perpendicular to the centerline of the cylindrical cavity.

Loading 4 is where uniaxial compression is applied perpendicular to the centerline of the cavity and in a direction which is perpendicular to that of loading 3.

** Figures are arranged in sequence beginning on page 31.

By proper superposition of solutions, the state of stress due to any combination of normal stresses and internal pressure in the hole may be obtained.

By summing the pressure existing on the various surfaces due to the four different types of loading, one can write

$$\begin{aligned}
 \sigma_x^* &= -\alpha P_a - \beta P_b - \mu P_c \\
 \sigma_y^* &= -\alpha P_a - \beta P_b - \rho P_c \\
 \sigma_z^* &= -\alpha P_a - \beta P_b \\
 P_h &= \beta P_b.
 \end{aligned} \tag{2}$$

Solving these equations simultaneously evaluates the coefficients in terms of the desired normal stresses far removed from the cavity, hole pressure, and the pressures applied to the experimental models.

Solving for these coefficients, one obtains

$$\begin{aligned}
 \alpha &= -\frac{\sigma_z^* + P_h}{P_a} & \mu &= -\frac{\sigma_x^* - \sigma_z^*}{P_c} \\
 \beta &= \frac{P_h}{P_b} & \rho &= -\frac{\sigma_y^* - \sigma_z^*}{P_c}.
 \end{aligned} \tag{3}$$

The values of P_a and P_c applied to the photo-elastic models were 100 psi, therefore, the coefficients may be reduced to

$$\begin{aligned}
 \alpha &= -\frac{\sigma_z^* + P_h}{100} & \mu &= -\frac{\sigma_x^* - \sigma_z^*}{100} \\
 \beta &= \frac{P_h}{100} & \rho &= -\frac{\sigma_y^* - \sigma_z^*}{100}.
 \end{aligned} \tag{4}$$

The state of stress near the bottom of a cylindrical cavity due to non-symmetric loading may be obtained by superposition of the solutions obtained for the four types of loading, namely,

$$\begin{aligned}
 \text{Stress due to} \\
 \text{Non-Symmetrical Loading} = & \alpha \cdot (\text{Solution for loading 1}) \\
 & + \beta \cdot (\text{Solution for loading 2}) \\
 & + \mu \cdot (\text{Solution for loading 3}) \\
 & + \rho \cdot (\text{Solution for loading 4}).
 \end{aligned} \tag{5}$$

DESCRIPTION OF MODELS

The dimensions of the two photoelastic models used in this investigation are shown in Figures 2 and 3. The photoelastic material used was a phthalic anhydride cured epoxy resin. The diameters of the cylindrical cavities relative to the overall dimensions of the models were chosen so that the effect of the cavity on the stresses at the outer boundaries would be small, however, the hole diameters were made as large as possible consistent with the above so that photoelastic data could be taken at a maximum number of points.

EXPERIMENTAL PROCEDURE

The "frozen stress technique" of three-dimensional photoelasticity was used in this analysis. The model material was cast and cured using techniques similar to those outlined by Leven⁷ for phthalic anhydride epoxy resins. The models were machined from these castings to the final dimensions. After the machining operations were completed, the models were further annealed, using a cooling cycle of 1.5°F per hour.

The loading fixture which was used for applying the loading shown in Figure 1a consisted of a pressure vessel as shown in Figure 4. The model was placed upside down on a pad of soft coarse woven cloth and a silicon rubber O-Ring seal was used at the mouth of the hole. Nitrogen was used as the pressurizing fluid. The soft cloth served to allow nitrogen pressure to act over the surface resting on the cloth and to distribute uniformly over this surface the small load required to hold the model in equilibrium.

The loading fixture used to simulate the loading of Figure 1c and 1d consisted of two steel plates with silicon rubber membranes as shown in Figure 5. The frame holding the membrane in place was dimensioned so that very little clearance existed between the metal frame and the model after lateral expansion of the model occurred due to the applied uniaxial compressive load. Nitrogen pressure applied to the membranes exerted uniform pressure over opposite faces of the model.

After mounting the models in their appropriate loading fixtures, the temperature of the oven was slowly raised to 300°F and allowed to remain constant for 48 hours before applying the loads. Loads of 100 psi were used on both models. The load was maintained constant with a pressure regulator and allowed to act for 6 hours before beginning the cooling cycle of 1.5°F per hour.

The models were sliced using a conventional band saw with a mechanical feed attachment. A 1/2" wide blade with 6 teeth per inch and a blade speed of 300 FPM was used. The model was fed into the blade at a rate of approximately one inch per minute. Dry ice was used to keep the blade temperature quite low during the cutting process. Figure 6 shows the number and orientation of the slices taken from each model. Due to four-fold symmetry existing in the non-axially symmetric problem, only one model was required. Transverse slices were taken from one quadrant, while longitudinal slices were taken from the remaining three.

Each slice was ground to a uniform thickness on a surface grinder using a Norton 20" diameter 46 grit wheel and a wheel surface speed of 6,065 FPM. A coolant of Shear Speed Heavy Duty Soluble Oil was used. A vacuum chuck was made to facilitate holding the slices during the grinding process. This eliminated clamps and other holding devices which tend to buckle or bend the slices resulting in non-uniform thickness. The use of the vacuum chuck, coolant,

and grinding wheel with surface speed as indicated gave a finished slice which was very uniform in thickness and had a surface finish which required no hand polishing. The slice taken from the axially symmetric model finished at a thickness of 0.125 inches. The transverse slices taken from the non-axially symmetric model had finished thicknesses of approximately 0.070, while the longitudinal slices were about 0.100 thick.

A diffusion polariscope with 15" plates was used during the analysis. The light source consisted of seventeen 15 watt fluorescent tubes arranged behind a diffusing glass to provide a light source 18 inches square. When converted to a circular polariscope, green tubes and a Wratten 77 filter were used. In conjunction with the diffusion polariscope a Gaertner Cathetometer with a micrometer vertical movement was used. This insured that the line of sight was always perpendicular to the slice being viewed and provided approximately 5X magnification. The cathetometer also provided a convenient and accurate method of locating nodal points in the grid network and eliminated the necessity of scribing lines on the model. The polariscope and cathetometer are shown in Figure 7. Point by point isoclinic and fringe order readings were taken at each nodal point using the grid networks shown in Figures 8 and 9. The Tardy⁸ method of compensation was used to determine fractional fringe orders.

A camera with a Taylor-Hobson Cooke Process Anastigmat lens having a focal length of 30 inches was used to make the fringe photographs shown in Figures 10 through 13. Kodak Process Pan film was used and found to produce good resolution in highly stressed regions and sharply defined fringe edges.

Typical isoclinic patterns are shown in Figures 14, 15, and 16. These contour curves were drawn using the values of the isoclinic determined at each nodal point.

The fringe constant for the photoelastic material was determined by a beam in pure bending. One test beam for the axially symmetrical model and two test beams for the non-axially symmetrical model were made and subjected to pure bending. The value of f was found to be 2.02 for both models.

CALCULATION OF THE STRESSES

Cylindrical coordinates were used in this analysis and their orientations with respect to the models are shown in Figures 2 and 3. The networks employed are shown in Figures 8 and 9. The calculation of the six stress components at some 5,000 points was facilitated by use of an IBM 650 computer which eliminated many possibilities of human error, leaving only the finite difference approximation error, numerical integration error, and experimental error.

The equations for calculation of the stresses were set up in the form best adapted to the computer, and therefore may differ slightly from conventional forms found in most photoelastic work.

Solution of Problem with Axially Symmetrical Stress Distribution

In problems with axially symmetrical stress distribution, the equations of equilibrium, neglecting body forces, reduce to

$$\text{and} \quad \frac{\partial \sigma_r}{\partial r} + \frac{\partial \tau_{rz}}{\partial z} + \frac{\sigma_r - \sigma_\theta}{r} = 0 \quad (6)$$

$$\frac{\partial \tau_{rz}}{\partial r} + \frac{\partial \sigma_z}{\partial z} + \frac{\tau_{rz}}{r} = 0. \quad (7)$$

The integration of equation 7 from the coordinate point R_a to R_i as shown in Figure 17a results in

$$\sigma_{z_{Ri}} = \sigma_{z_{Ra}} - \int_{Ra}^{Ri} \frac{\partial \tau_{rz}}{\partial r} dr - \int_{Ra}^{Ri} \frac{\tau_{rz}}{r} dr. \quad (8)$$

Letting $\Omega = \frac{\partial \tau_{rz}}{\partial r} + \frac{\tau_{rz}}{r}$, and writing in finite difference form, one obtains

$$\Omega_{Rz} = \frac{1}{2h_r} (\tau_{rz_{(R+h_r)z}} - \tau_{rz_{(R-h_r)z}}) + \frac{1}{r} \tau_{rz_{Rz}}. \quad (9)$$

Using Durand's Rule for numerical integration, equation (8) may be written as

$$\sigma_{z_{Ri}} = \sigma_{z_{Ra}} - h_z [4(\Omega_{Ra} + \Omega_{Ri}) + 1.1(\Omega_{Rb} + \Omega_{R(l-h_z)}) + \Omega_{Rc} + \Omega_{Rd} + \dots + \Omega_{R(l-2h_z)}] \quad (10)$$

Equation (10) is not applicable for less than three intervals. Using a Taylor's series and expanding about the nodal point at the end of the first integration interval, a special integration equation may be obtained for the first interval, namely,

$$\sigma_{z_{Rb}} = \sigma_{z_{Ra}} - h_z \left(\frac{5}{12} \Omega_{Ra} + \frac{2}{3} \Omega_{Rb} - \frac{1}{12} \Omega_{Rc} \right). \quad (11)$$

For two intervals, Simpson's Rule was used, thus

$$\sigma_{z_{Rc}} = \sigma_{z_{Ra}} - h_z \left(\frac{1}{3} \Omega_{Ra} + \frac{4}{3} \Omega_{Rb} + \frac{1}{3} \Omega_{Rc} \right). \quad (12)$$

The only non-vanishing shearing stress τ_{rz} , used in the calculation of Ω , was obtained from photoelastic data taken at normal incidence to the slice in the RZ plane (see Figure 6). From these data and the relation

$$\tau_{rz} = \pm \frac{nf}{2t} \sin 2\theta$$

where

$$n = m + \frac{\phi}{180}, \quad (13)$$

τ_{rz} was evaluated at each nodal point of the network and allowed the integration to be accomplished.

Integration was actually carried out by starting at the bottom of the hole where $\sigma_z = 0$ and numerically integrating to the lower boundary where $\sigma_z = -100$ psi. For radii greater than the hole radius, integration commenced at the lower boundary along network lines which extended to that boundary. Starting values of σ_z were then determined for network lines that did not extend to the lower boundary by a Lagrangian interpolation formula and a network as shown in Figure 17b, thus

$$\sigma_{zRz} = -\frac{1}{16} \sigma_{z(R-3h_r)z} + \frac{5}{16} \sigma_{z(R-h_r)z} + \frac{5}{16} \sigma_{z(R+h_r)z} - \frac{1}{16} \sigma_{z(R+3h_r)z}. \quad (14)$$

Along the centerline of the hole, equilibrium equation (7) is indeterminate since r and τ_{rz} both approach zero as r approaches zero. Applying L'Hospital's Rule, in the limit

$$\frac{\partial \sigma_z}{\partial z} + 2 \frac{\partial \tau_{rz}}{\partial r} = 0. \quad (15)$$

To facilitate the calculation of σ_z by integration along the centerline, $(\sigma_{rz})_{r=0}$ was defined as

$$(\sigma_{rz})_{r=0} \equiv \left(\frac{2}{h_r} \tau_{r_z(r+h_r)z} \right)_{r=0}. \quad (16)$$

Integration equations (10), (11), and (12) were then applicable.

Values of σ_z along the wall of the hole and along the right hand boundary of the region were determined from boundary conditions, namely $\sigma_r = 0$ at the wall of the hole and $\sigma_r = -100$ psi at the right hand boundary, and the relation

$$\sigma_z = \sigma_r + \left(\pm \frac{nf}{t} \cos 2\theta \right), \quad (17)$$

derivable from Mohr's circle and elementary photelastic relations.

Having calculated the normal stress σ_z at each nodal point, σ_r was calculated by the equation

$$\sigma_r = \sigma_z - \left(\pm \frac{nf}{t} \cos 2\theta \right). \quad (18)$$

The proper sign must be used with equations (17) and (18) depending on the sign of the shearing stress at the particular point.

The equation of equilibrium (6) was used to obtain the normal stress σ_θ throughout the field. Writing this equation in finite difference form and using the node designation of Figure 17c, one obtains

$$\sigma_{\theta_{Rz}} = \frac{r}{2} \left[\left(\frac{\sigma_{r(R+h_r)z} - \sigma_{r(R-h_r)z}}{h_r} \right) + \left(\frac{\tau_{rzR(z+h_z)} - \tau_{rzR(z-h_z)}}{h_z} \right) \right] + \sigma_{r_{Rz}}. \quad (19)$$

This equation is valid everywhere except along the bottom of the hole, along the wall of the hole, and along the right hand and lower boundaries of the region.

Using the nodal designation system indicated in the previous equations, along the bottom of the hole, one can write

$$\sigma_{\theta_{Rz}} = \frac{r}{2} \left[\left(\frac{\sigma_{r(R+h_r)z} - \sigma_{r(R-h_r)z}}{h_r} \right) + \left(\frac{-3\tau_{rzRz} + 4\tau_{rzR(z+h_z)} - \tau_{rzR(z+2h_z)}}{h_z} \right) \right] + \sigma_{r_{Rz}}. \quad (20)$$

Along the wall of the hole, since $\sigma_r = 0$ and $\frac{\partial \tau_{rz}}{\partial z} = 0$,

$$\sigma_{\theta_{Rz}} = \frac{r}{2h_r} (4\sigma_{r(R+h_r)z} - \sigma_{r(R+2h_r)z}). \quad (21)$$

Along the right hand boundary of the region, expanding in a Taylor's series about a point on the boundary, one obtains

$$\sigma_{\theta_{Rz}} = \frac{r}{6h_r} (8\sigma_{r_{Rz}} - 9\sigma_{r(R-h_r)z} + \sigma_{r(R-3h_r)z}) + \sigma_{r_{Rz}}. \quad (22)$$

and along the lower boundary of the region,

$$\sigma_{\theta_{Rz}} = \frac{r}{2} \left[\left(\frac{\sigma_{r(R+h_r)z} - \sigma_{r(R-h_r)z}}{h_r} \right) + \left(\frac{3\tau_{rzRz} - 4\tau_{rzR(z-h_z)} + \tau_{rzR(z-2h_z)}}{h_z} \right) \right] + \sigma_{r_{Rz}}. \quad (23)$$

It is possible, however, to obtain values of σ_θ by much simpler relations if additional photoelastic data are obtained from slices taken in the $R-\theta$ plane. For each $R-\theta$ slice cut from the model, it is possible to calculate σ_θ at each nodal point in the plane of the slice by the relation

$$\sigma_\theta = \sigma_r - \left(\pm \frac{n_1 f}{t_1} \cos 2\theta_1 \right). \quad (24)$$

In the solution of this problem, calculations were first made using equations (19) through (23) to determine σ_θ . It was found that the values of σ_θ along the wall of the hole, along the bottom of the hole, and in the general vicinity of the singularity were not consistent enough to be plotted. Slices in the $R-\theta$ plane were taken at Z values as indicated by the symbol (∇) in Figure 8 and equation (24) was used to calculate σ_θ . This resulted in very consistent values of σ_θ .

Solution of Problem with Non-Axially Symmetrical Stress Distribution

One of the differential equations of equilibrium in cylindrical coordinates with body forces neglected is

$$\frac{\partial \sigma_r}{\partial r} + \frac{1}{r} \frac{\partial \tau_{r\theta}}{\partial \theta} + \frac{\partial \tau_{rz}}{\partial z} + \frac{\sigma_r - \sigma_\theta}{r} = 0. \quad (25)$$

Integration of this equation in the R direction from coordinate point (a2ε) to point (i2ε), (see Figure 17d), results in

$$\sigma_{r_{i2\epsilon}} = \sigma_{r_{a2\epsilon}} - \int_{a2\epsilon}^{i2\epsilon} \frac{1}{r} \frac{\partial \tilde{T}_{r\theta}}{\partial \theta} dr - \int_{a2\epsilon}^{i2\epsilon} \frac{\partial \tilde{T}_{rz}}{\partial z} dr - \int_{a2\epsilon}^{i2\epsilon} \frac{\sigma_r - \sigma_\theta}{r} dr, \quad (26)$$

Letting $\gamma = \frac{1}{r} \frac{\partial \tilde{T}_{r\theta}}{\partial \theta}$, $\gamma_{i2\epsilon}$ can be expressed in finite difference form by

$$\gamma_{i2\epsilon} = \frac{\tilde{T}_{r\theta_{i2\epsilon}} - \tilde{T}_{r\theta_{i2\epsilon-2\epsilon}}}{2h_\theta r_i} \quad (27)$$

and similarly by letting $\lambda = \frac{\partial \tilde{T}_{rz}}{\partial z}$ and $\psi = \frac{\sigma_r - \sigma_\theta}{r}$, then

$$\lambda_{i2\epsilon} = \frac{\tilde{T}_{rz_{i3\epsilon}} - \tilde{T}_{rz_{i1\epsilon}}}{2h_z} \quad (28)$$

and

$$\psi_{i2\epsilon} = \frac{(\sigma_r - \sigma_\theta)_{i2\epsilon}}{r_i}. \quad (29)$$

Using Durand's Rule for numerical integration, equation 26 may be written as, (see Figure 17d),

$$\begin{aligned} \sigma_{r_{i2\epsilon}} = \sigma_{r_{a2\epsilon}} - h_r \bigg[& 4(\gamma_{a2\epsilon} + \gamma_{i2\epsilon}) + 1.1(\gamma_{b2\epsilon} + \gamma_{(i-h_r)2\epsilon}) + \gamma_{c2\epsilon} + \gamma_{d2\epsilon} + \dots + \gamma_{(i-2h_r)2\epsilon} \\ & + 4(\lambda_{a2\epsilon} + \lambda_{i2\epsilon}) + 1.1(\lambda_{b2\epsilon} + \lambda_{(i-h_r)2\epsilon}) + \lambda_{c2\epsilon} + \lambda_{d2\epsilon} + \dots + \lambda_{(i-2h_r)2\epsilon} \\ & + 4(\psi_{a2\epsilon} + \psi_{i2\epsilon}) + 1.1(\psi_{b2\epsilon} + \psi_{(i-h_r)2\epsilon}) + \psi_{c2\epsilon} + \psi_{d2\epsilon} + \dots + \psi_{(i-2h_r)2\epsilon} \bigg]. \end{aligned} \quad (30)$$

Thus once the shearing stresses $\tau_{r\theta}$ and τ_{rz} , and the value of $(\sigma_r - \sigma_\theta)$ have been determined along the appropriate auxiliary lines, good approximations to δ , λ , and ψ may be obtained and the integration for σ_r may be accomplished.

The shearing stress τ_{rz} may be calculated from photoelastic data taken at normal incidence to a slice in the RZ plane, and is given by

$$\tau_{rz} = \pm \frac{n_1 f}{2t} \sin 2\theta. \quad (31)$$

Similarly, for data taken from a slice in the R Φ plane

$$\tau_{r\theta} = \pm \frac{n_1 f}{2t_1} \sin 2\theta_1, \quad (32)$$

and
$$\sigma_r - \sigma_\theta = \pm \frac{n_1 f}{t_1} \cos 2\theta_1, \quad (33)$$

In evaluating equations 31, 32, and 33, the proper sign must be attached depending on the sign of shearing stress at the particular point.

As previously indicated for the axially symmetrical problem, equation (30) is applicable only when integration is being accomplished over three or more intervals. For integration of the first interval

$$\begin{aligned} \sigma_{r_{b2\epsilon}} = \sigma_{r_{a2\epsilon}} - h_r \Bigg[& \left(\frac{5}{12} \gamma_{a2\epsilon} + \frac{2}{3} \gamma_{b2\epsilon} - \frac{1}{12} \gamma_{c2\epsilon} \right) \\ & + \left(\frac{5}{12} \lambda_{a2\epsilon} + \frac{2}{3} \lambda_{b2\epsilon} - \frac{1}{12} \lambda_{c2\epsilon} \right) \\ & + \left(\frac{5}{12} \psi_{a2\epsilon} + \frac{2}{3} \psi_{b2\epsilon} - \frac{1}{12} \psi_{c2\epsilon} \right) \Bigg], \end{aligned} \quad (34)$$

and for integration of two intervals

$$\begin{aligned} \sigma_{rc2\epsilon} = \sigma_{ra2\epsilon} - h_r \left[\frac{1}{3}(\gamma_{a2\epsilon} + \gamma_{c2\epsilon}) + \frac{4}{3} \gamma_{b2\epsilon} \right. \\ \left. + \frac{1}{3}(\lambda_{a2\epsilon} + \lambda_{c2\epsilon}) + \frac{4}{3} \lambda_{b2\epsilon} \right. \\ \left. + \frac{1}{3}(\psi_{a2\epsilon} + \psi_{c2\epsilon}) + \frac{4}{3} \psi_{b2\epsilon} \right]. \end{aligned} \quad (35)$$

The integration of equation (26) must commence at some known value of σ_r . In the solution of this problem integration was performed in the positive R direction and began at the wall of the hole for negative Z values and at the centerline of the model for positive values of Z. The boundary condition at the wall of the hole was that $\sigma_r = 0$, however, along the centerline it was necessary to determine the starting value of σ_r by other means.

Consider a right handed system of Cartesian coordinates oriented such that the positive Z axis coincides with the Z axis of the cylindrical coordinate system and the X axis coincides with the $\phi = 0^\circ$ plane. One of the equations of equilibrium in Cartesian coordinates, neglecting body forces, is

$$\frac{\partial \sigma_z}{\partial z} + \frac{\partial \tau_{xz}}{\partial x} + \frac{\partial \tau_{yz}}{\partial y} = 0. \quad (36)$$

Integrating this equation in the positive Z direction, one obtains

$$\sigma_z = \sigma_{z_{xya}} - \int_{xya}^{xyi} \left(\frac{\partial \tau_{xz}}{\partial x} + \frac{\partial \tau_{yz}}{\partial y} \right) dz. \quad (37)$$

This equation may be used to determine the value of σ_z along the centerline, from which starting values of σ_r along the centerline may be determined.

Letting $\omega = \frac{\partial \tilde{T}_{xz}}{\partial x} + \frac{\partial \tilde{T}_{yz}}{\partial y}$, and writing in finite difference form, one obtains

$$(\omega_{xyz})_{\substack{x=0 \\ y=0}} = \left(\frac{\tilde{T}_{xz(x+h_x)y,z}}{h_x} + \frac{\tilde{T}_{yzx(y+h_y)z}}{h_y} \right)_{\substack{x=0 \\ y=0}}. \quad (38)$$

$\tilde{T}_{xz}$ and $\tilde{T}_{yz}$ may be determined from photoelastic data taken at normal incidence to the XZ ($\phi = 0^\circ$) and YZ ($\phi = 90^\circ$) planes respectively and the relations

$$\begin{aligned} \tilde{T}_{xz} &= \pm \frac{n_3 f}{2 t_3} \sin 2\theta_3 \\ \tilde{T}_{yz} &= \pm \frac{n_4 f}{2 t_4} \sin 2\theta_4. \end{aligned} \quad (39)$$

Using values of $\tilde{T}_{xz}$ and $\tilde{T}_{yz}$ obtained from equations (39), a good approximation to ω may be determined at each nodal point along the centerline and the integration of equation (37) may be accomplished. Numerical integration equations similar to equations (10), (11), and (12) were used to accomplish the integrations commencing at the bottom of the hole where $\sigma_z = 0$.

Once values of σ_z were obtained along the centerline, then σ_r and σ_θ were determined in the cylindrical coordinate system along the centerline by equations (18) and (24) respectively. Since only one model was used, it was not possible to have the centerline exist in both the RZ and

$R-\theta$ slices. Slices were taken such that the centerline was included in the $R-\theta$ slice. In order to apply equation (18) in determining $\bar{\sigma}_r$ along the centerline, the value of n at the centerline was required, and was obtained in the $\theta = 90^\circ$ plane by a LaGrangian interpolation formula, namely,

$$(\eta_{Rz\theta})_{R=0} = (-0.125 \eta_{(R+h_p)z\theta} + 1.125 \eta_{(R+3h_p)z\theta})_{R=0}. \quad (40)$$

Thus the values of $\bar{\sigma}_r$ and $\bar{\sigma}_\theta$ along the centerline were obtained for the $\theta = 90^\circ$ plane. For planes other than $\theta = 90^\circ$, the normal stress $\bar{\sigma}_r$ was determined along the centerline by the transformation equation

$$(\bar{\sigma}_{r_{Rz\theta}})_{R=0} = (\bar{\sigma}_{r_{Rz\theta}})_{R=0, \theta=90^\circ} \sin^2 \theta + (\bar{\sigma}_{\theta_{Rz\theta}})_{R=0, \theta=90^\circ} \cos^2 \theta. \quad (41)$$

Having obtained values of $\bar{\sigma}_r$ along the centerline in every plane, these values were used as starting values for accomplishing the integration of equation (26).

Along the bottom of the hole and the lower boundary of the field where $\bar{\sigma}_z = 0$, $\bar{\sigma}_r$ was determined by

$$\bar{\sigma}_{r_{Rz\theta}} = -\left(\pm \frac{nf}{t} \cos 2\theta\right). \quad (42)$$

The remaining two normal stresses, $\bar{\sigma}_z$ and $\bar{\sigma}_\theta$ were calculated by equations (17) and (24). Equation (24) is not applicable along the bottom of the hole since photoelastic data were not available in the $R-\theta$ plane at the surface of

the bottom of the hole. To obtain values of σ_e along the bottom of the hole, a LaGrangian extrapolation formula was used which utilized the value of σ_e along the three network lines immediately below the bottom of the hole, thus,

$$\sigma_{Rz\theta} = \frac{15}{8} \sigma_{R(z+h_z)\theta} - \frac{5}{4} \sigma_{R(z+3h_z)\theta} + \frac{3}{8} \sigma_{R(z+5h_z)\theta}. \quad (43)$$

Similarly τ_{re} was determined along the bottom of the hole by

$$\tau_{reRz\theta} = \frac{15}{8} \tau_{reR(z+h_z)\theta} - \frac{5}{4} \tau_{reR(z+3h_z)\theta} + \frac{3}{8} \tau_{reR(z+5h_z)\theta}. \quad (44)$$

The remaining shear stress component τ_{ez} may be determined by photoelastic data taken at oblique incidence⁹. For counterclockwise rotation about the Z axis of an RZ slice,

$$\tau_{\theta zRz\theta} = \frac{\tau_{rzRz\theta} \cos \eta - \left(\pm \frac{n_2 f}{2t} \cos \eta \sin 2\theta_2 \right)_{Rz\theta}}{\sin \eta}. \quad (45)$$

For planes of symmetry, $\theta = 0^\circ$ and $\theta = 90^\circ$, $\tau_{\theta z}$ is zero at all points in the plane, and therefore equation (45) need only be used for the $\theta = 22.5^\circ$, 45° , and 67.5° planes.

RESULTS

The results of this analysis are shown in Figures 18 through 35. The stresses shown for the axially symmetrical problem are for 100 psi external pressure and zero hole pressure. The stresses shown for the non-axially symmetrical problem are for 100 psi uniform uniaxial compression perpendicular to the centerline of the hole and acting in a direction parallel to the $\theta = 0^\circ$ plane. Figures 22 through 35 give a general picture of the stress state for the $\theta = 0^\circ$, 45° , and 90° planes only of the non-symmetrical problem. The actual numerical values of the six stress components calculated for each of some 5,000 points in the two problems are tabulated in the appendix. This tabulation includes values for the stresses in the $\theta = 22.5^\circ$ and 67.5° planes not shown in the form of contour curves. The calculated values of the stresses generally resulted in consistent and easily plotted contour curves. In a few regions where the stresses were either very low or substantially constant, some smoothing was required in the curve drawing.

As previously mentioned, the values of σ_θ for the symmetrical problem were inconsistent near the wall and bottom of the hole when the method utilizing the equilibrium equation (6) was employed. It appears that determining σ_θ by taking the sum of two derivatives obtained from stress values previously calculated from experimental photoelastic

data yields very inaccurate results, at least for the equipment and methods used in this analysis. Certainly photometric devices that have been employed by others¹⁰ would improve the accuracy of the isoclinic determination and the resulting calculated stresses. However, additional slices taken in the $R-\Theta$ plane resulted in values of σ_θ which were consistent and are shown in Fig. 20.

In the non-symmetrical problem, the value of $\frac{\partial \sigma_r}{\partial r}$ in any plane approaches zero as r approaches zero due to symmetry of load and model. The value of $-\frac{\partial \sigma_r}{\partial r}$ is given by the sum of $\gamma + \lambda + \psi$ as can be seen from equation (26), and therefore $\gamma + \lambda + \psi$ approaches zero as r approaches zero. For small values of r , due to the nature of the problem, γ and ψ become very large with one being positive and the other negative. Taking the difference of two very large numbers inherently induces error. However, no difficulty was encountered in this respect.

The values of $\frac{\partial \tau_{rz}}{\partial z}$ or λ obtained on the $Z = 0.1$ and $Z = -0.1$ lines for values of r between $R = 1.0$ and $R = 2.0$, were probably inaccurate due to the mesh size used. This resulted in appreciable error in all the stresses along these lines for R values of 1.0 and greater. The results could have been improved with smaller mesh size in the RZ plane near the corner of the hole. In the region of major interest immediately below the bottom of the hole, the stresses were not affected by this and are probably reliable.

A careful comparison of this work with that of Woods, Whitworth, and Word should be made. The comparison of the photoelastic work with numerical analysis work should yield some information on experimental error and possibly the effect of Poisson's ratio since the numerical work was done with a Poisson's ratio of 0.25.

The effect of Poisson's ratio in the non-symmetrical problem could be appreciable; however, no other work of any nature is available for comparison. It is hoped that other investigators will comprehensively study the effect of Poisson's ratio in other three dimensional photoelastic problems.

To illustrate the superposition of solutions and to indicate the effect on the stresses of non-symmetrical loading as compared to the stresses due to hydrostatic loading, consider a 10,000 foot air drilled hole in a relaxed (normal faulting) geological location. Assuming a non-porous formation with overburden pressure of one psi per foot of depth would give for a symmetrical stress state

$$\sigma_x^* = -10,000 \text{ psi}$$

$$\sigma_y^* = -10,000 \text{ psi}$$

$$\sigma_z^* = -10,000 \text{ psi}.$$

Evaluating coefficients by equation (4) give

$$\alpha = +100, \quad \beta = \mu = \rho = 0.$$

For a non-symmetrical stress, Hubbert and Willis predict that the algebraically largest principal stress will be approximately horizontal and about 1/3 to 1/2 the overburden pressure. Assuming the 1/2 factor,

$$\sigma_x^* = -5,000 \text{ psi}$$

$$\sigma_y^* = -10,000 \text{ psi}$$

$$\sigma_z^* = -10,000 \text{ psi}$$

Evaluating coefficients by equation (4) gives

$$\alpha = \frac{-(-10,000 + 0)}{100} = 100$$

$$\beta = \frac{0}{100} = 0$$

$$\mu = \frac{-(-5,000 + 10,000)}{100} = -50$$

$$\rho = \frac{-(-5000 + 5000)}{100} = 0$$

Applying these factors to the proper solutions as indicated by equation (5) results in stresses along the bottom of the hole at the center for the symmetrical case of

$$\sigma_r = -5170 \text{ psi} \quad \tau_{rz} = 0$$

$$\sigma_\theta = -5170 \text{ psi}$$

$$\sigma_z = 0,$$

and for the non-symmetrical case in the $\theta = 0^\circ$ plane,

$$\sigma_r = +2625 \text{ psi} \quad \tau_{rz} = 0$$

$$\sigma_\theta = -5055 \text{ psi} \quad \tau_{re} = 0$$

$$\sigma_z = 0 \quad \tau_{ez} = 0.$$

This example illustrates how greatly the stresses on the surface of the bottom of the hole are affected by non-symmetrical geostatic stresses. At the center of the hole in the $\theta = 0^\circ$ plane, the stress σ_r for symmetrical geostatic loading is 5170 psi compression, while with the same depth hole and the assumed non-symmetrical geostatic loading, the stress σ_r is 2625 psi tension.

A cursory examination of the stresses on the bottom of an air drilled hole in a normal faulting area has indicated, when the geostatic ratio $\frac{\sigma_x^*}{\sigma_y^*}$ is $2/3$ or less, that the normal stress at the center of the hole acting on a plane perpendicular to the direction of the X - axis will become tensile.

CONCLUSIONS

1. An analysis similar to the shear-difference method has been successfully employed in a true three dimensional problem wherein a cylindrical coordinate system was employed.

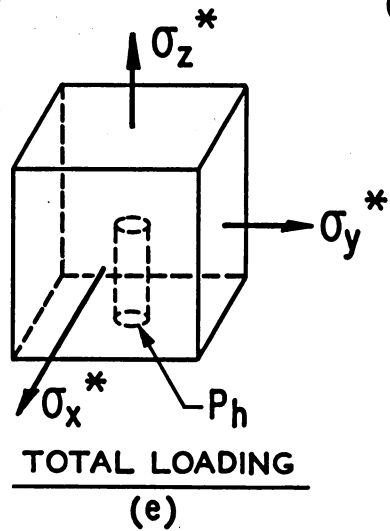
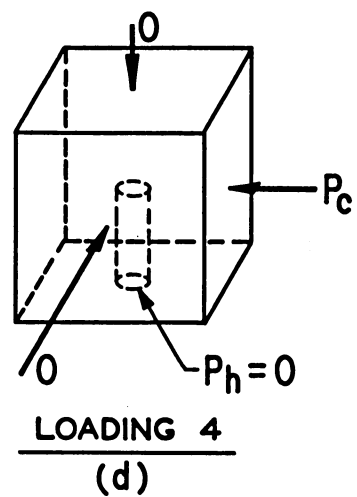
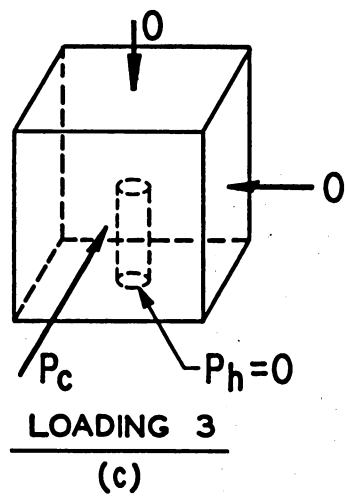
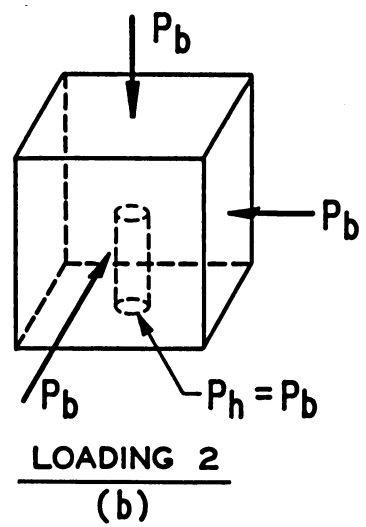
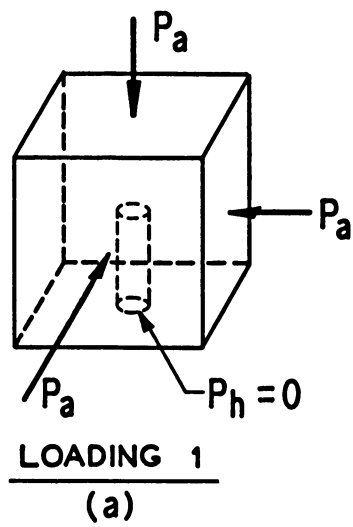
2. An approximate solution has been obtained by photoelastic methods for the stresses near the bottom and wall of a hole due to any combination of normal stresses, acting perpendicular and parallel to the centerline of the hole, that may exist in the material far removed from the hole.

3. The stresses along the bottom and wall of a hole drilled into the earth's crust are appreciably affected by a non-symmetrical system of geostatic forces as compared to the stresses that exist at the bottom and wall of a hole when the geostatic forces are hydrostatic in nature.

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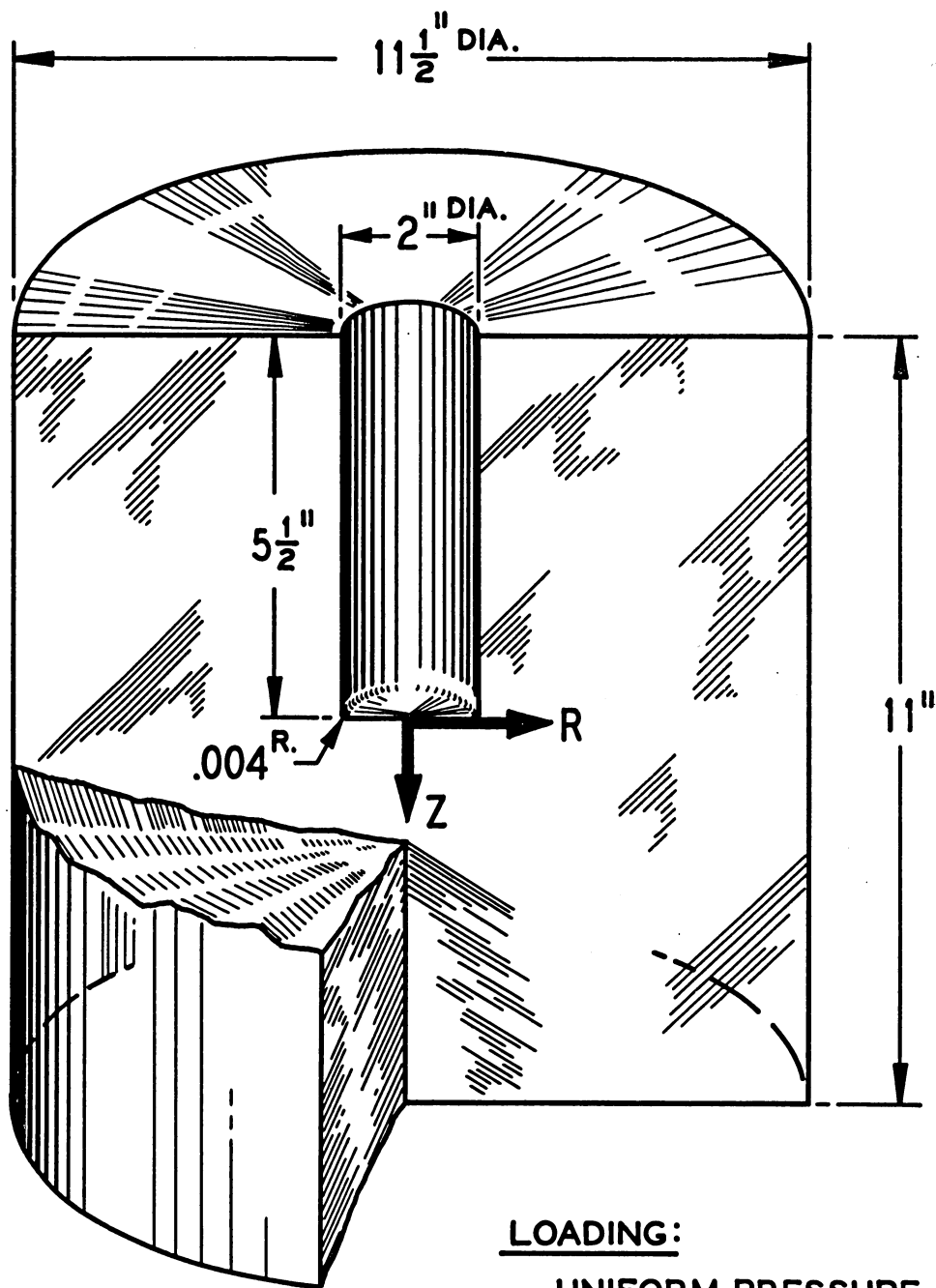
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SUPERPOSITION OF SOLUTIONS

FIGURE 1

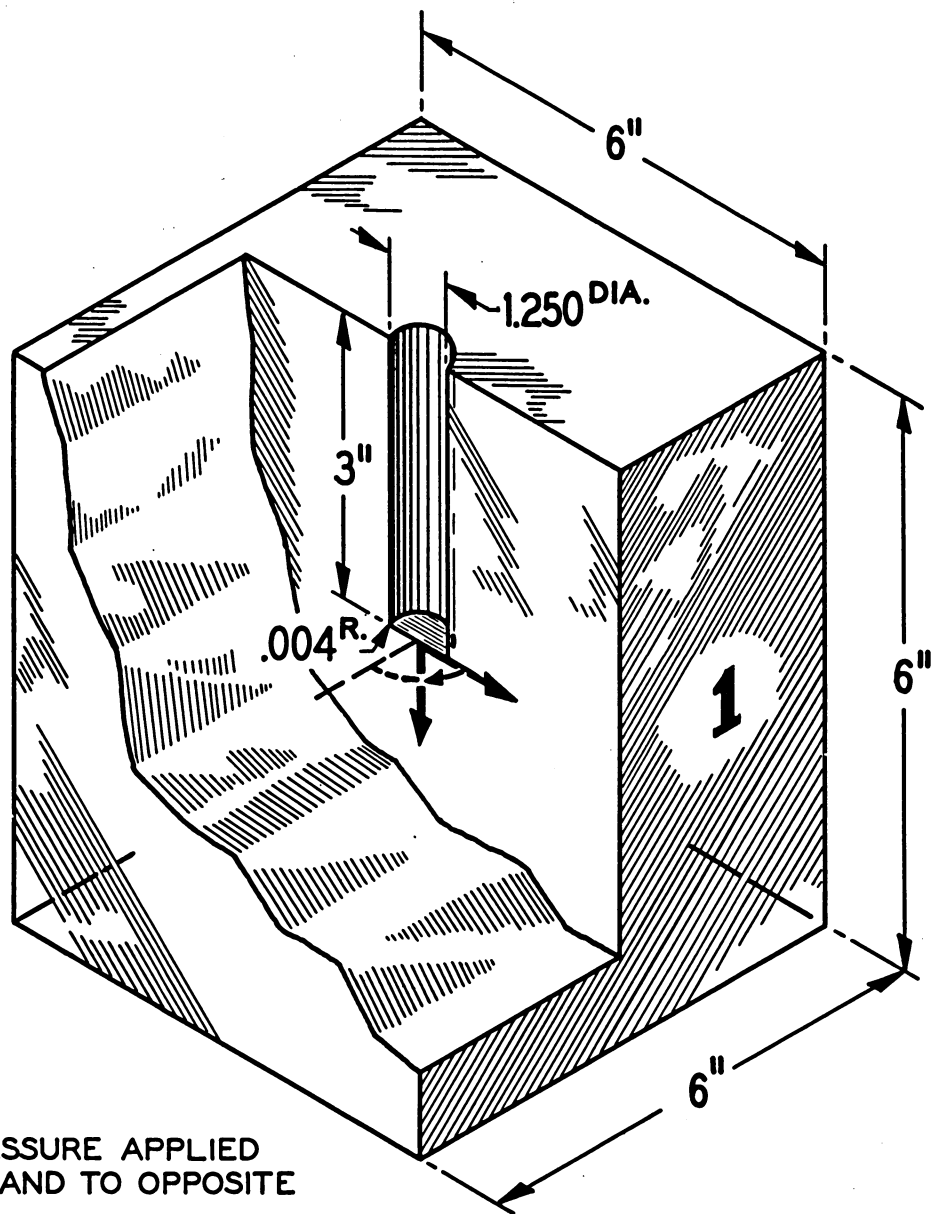


LOADING:

UNIFORM PRESSURE APPLIED
TO ALL SURFACES EXCEPT
INSIDE OF HOLE.
(AXIALLY SYMMETRIC PROBLEM)

MODEL FOR AXIALLY SYMMETRICAL LOADING

FIGURE 2

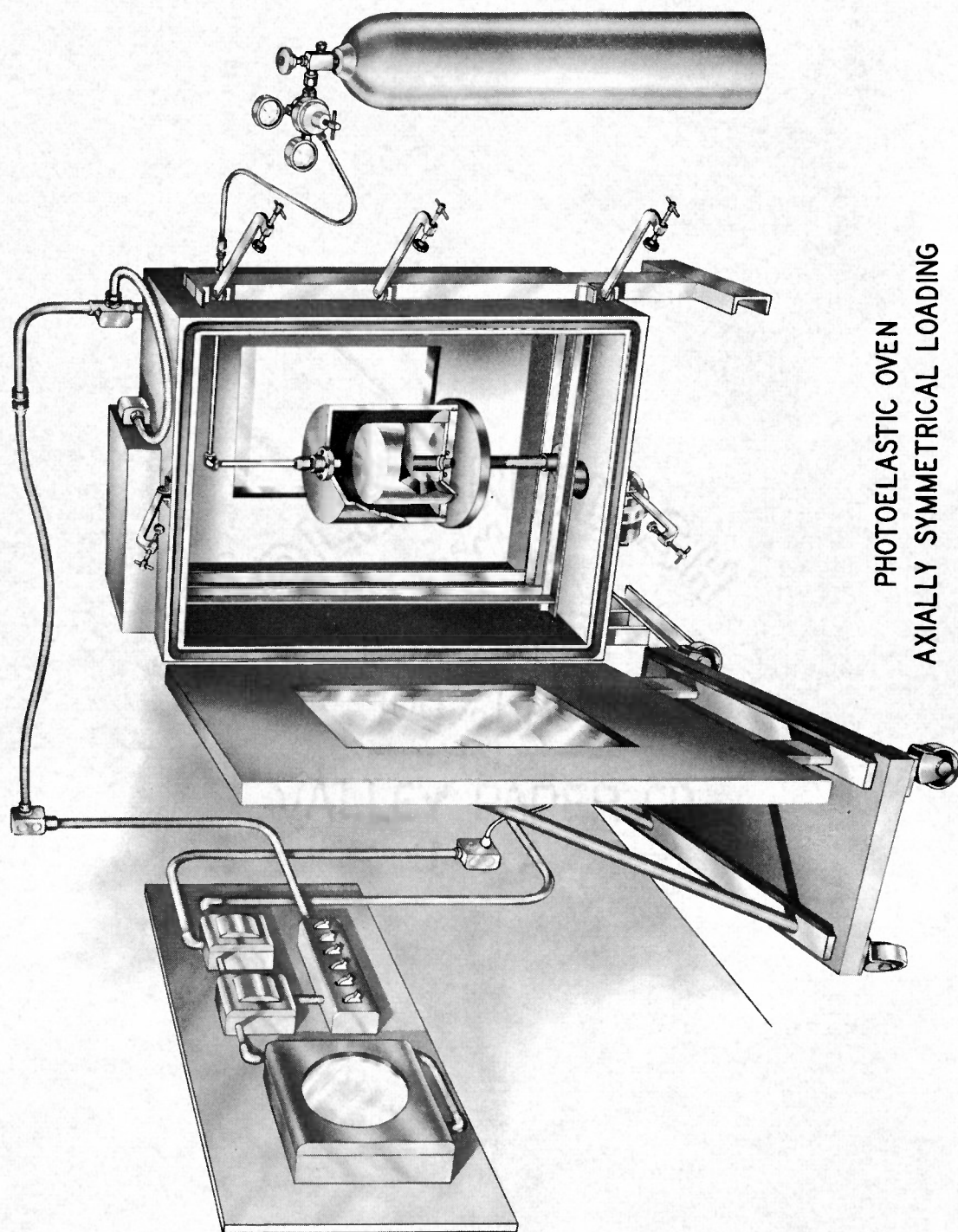


LOADING:

UNIFORM PRESSURE APPLIED
TO FACE "1" AND TO OPPOSITE
FACE.
(NON-AXIALLY SYMMETRIC PROBLEM.)

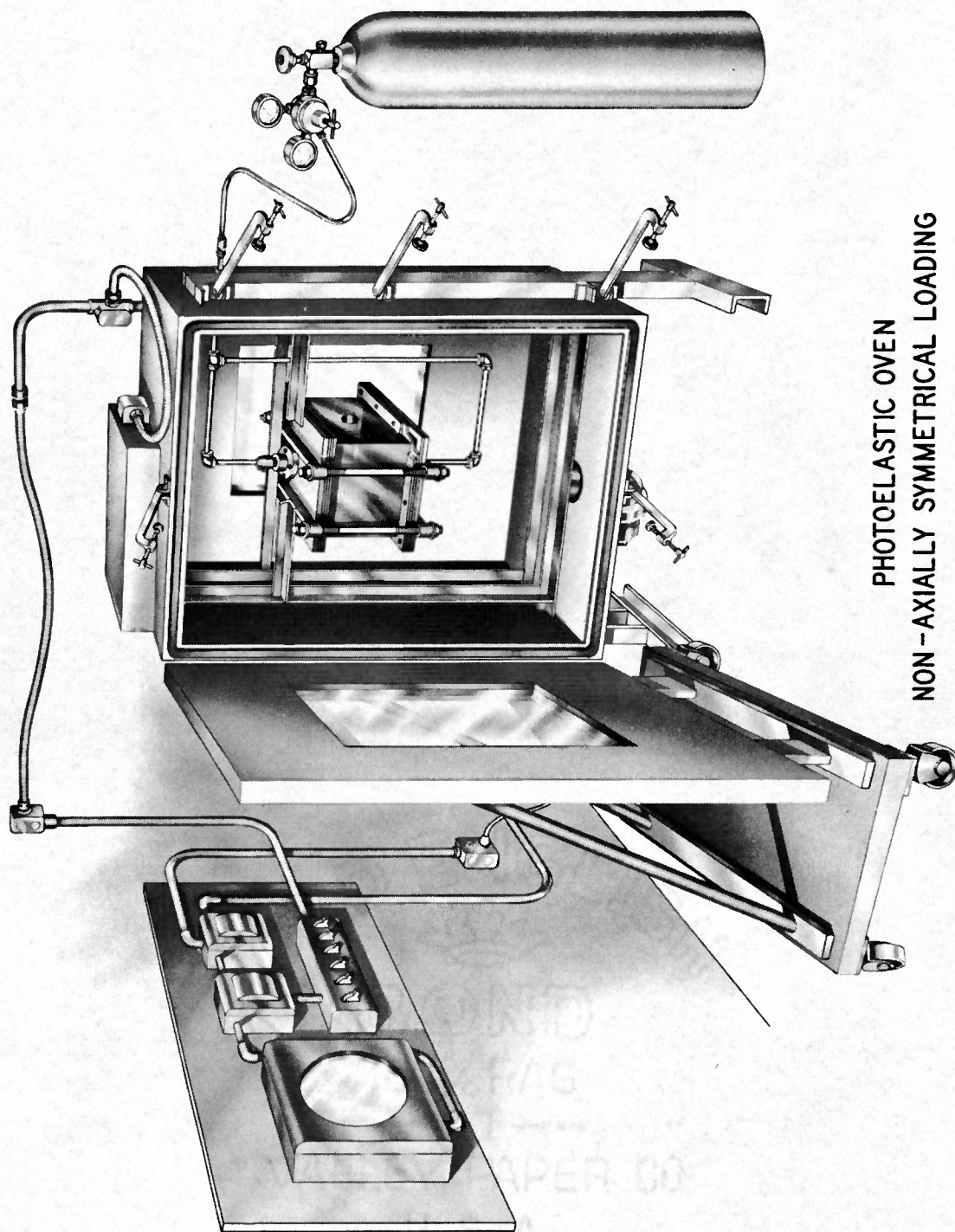
MODEL FOR NON - AXIALLY SYMMETRICAL LOADING

FIGURE 3



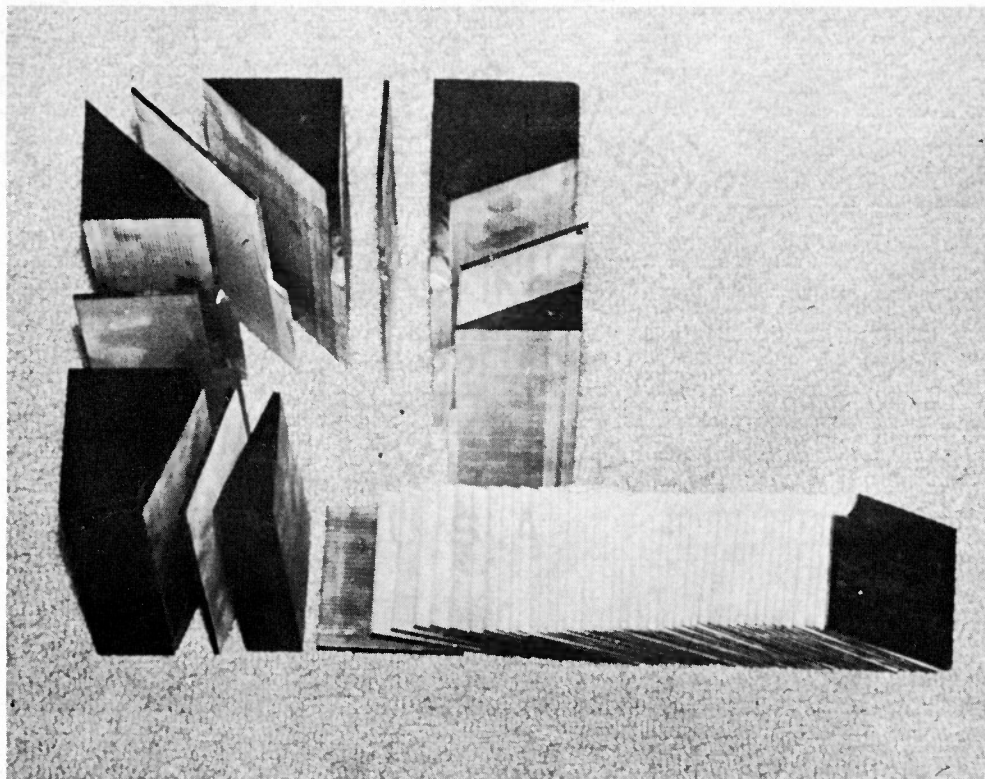
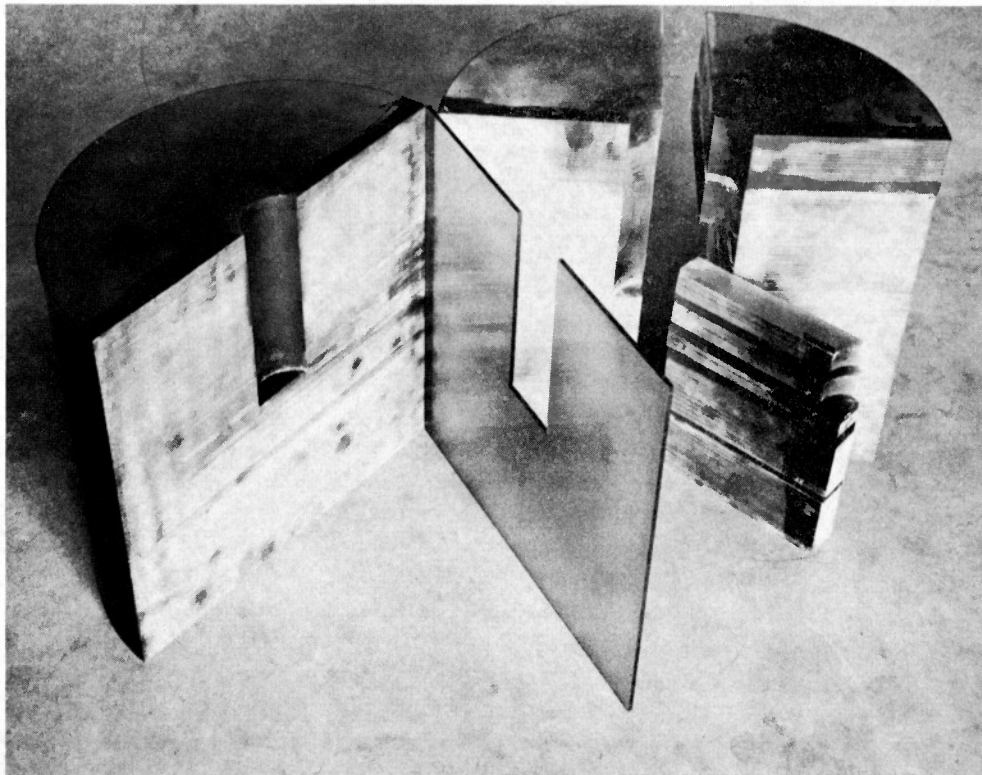
PHOTOELASTIC OVEN
AXIALLY SYMMETRICAL LOADING

FIGURE 4

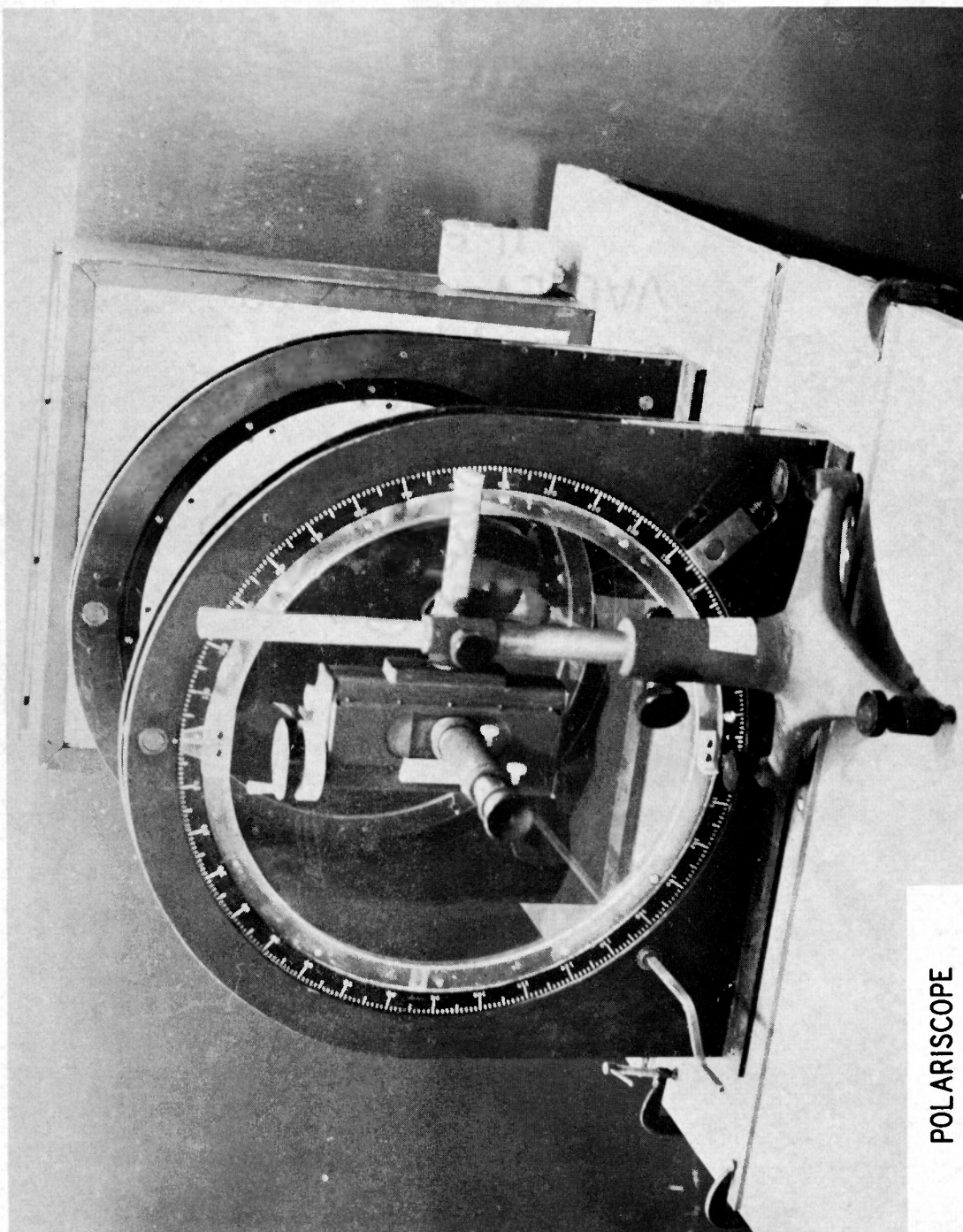


PHOTOELASTIC OVEN
NON - AXIALLY SYMMETRICAL LOADING

FIGURE 5

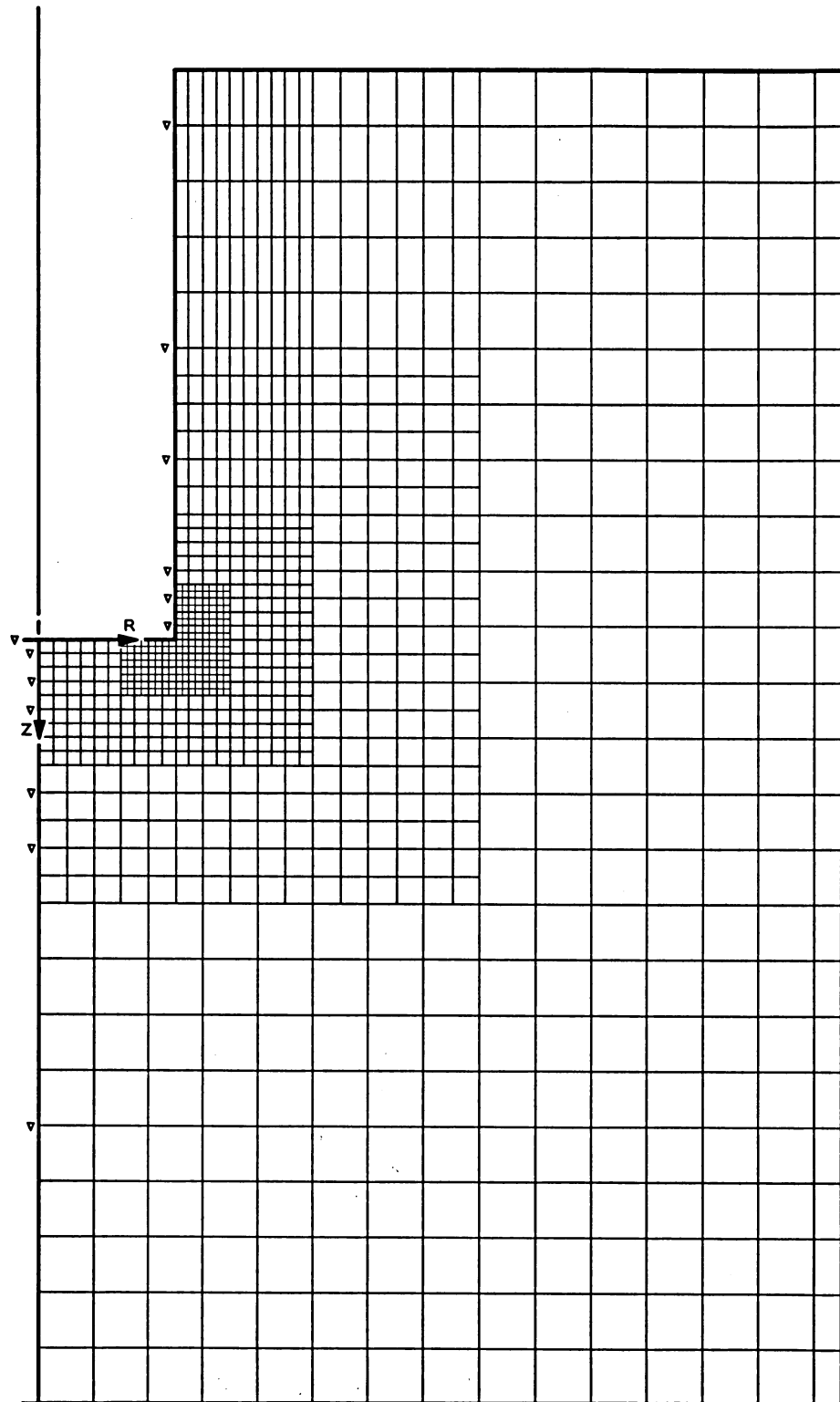


SLICING METHOD
FIGURE 6



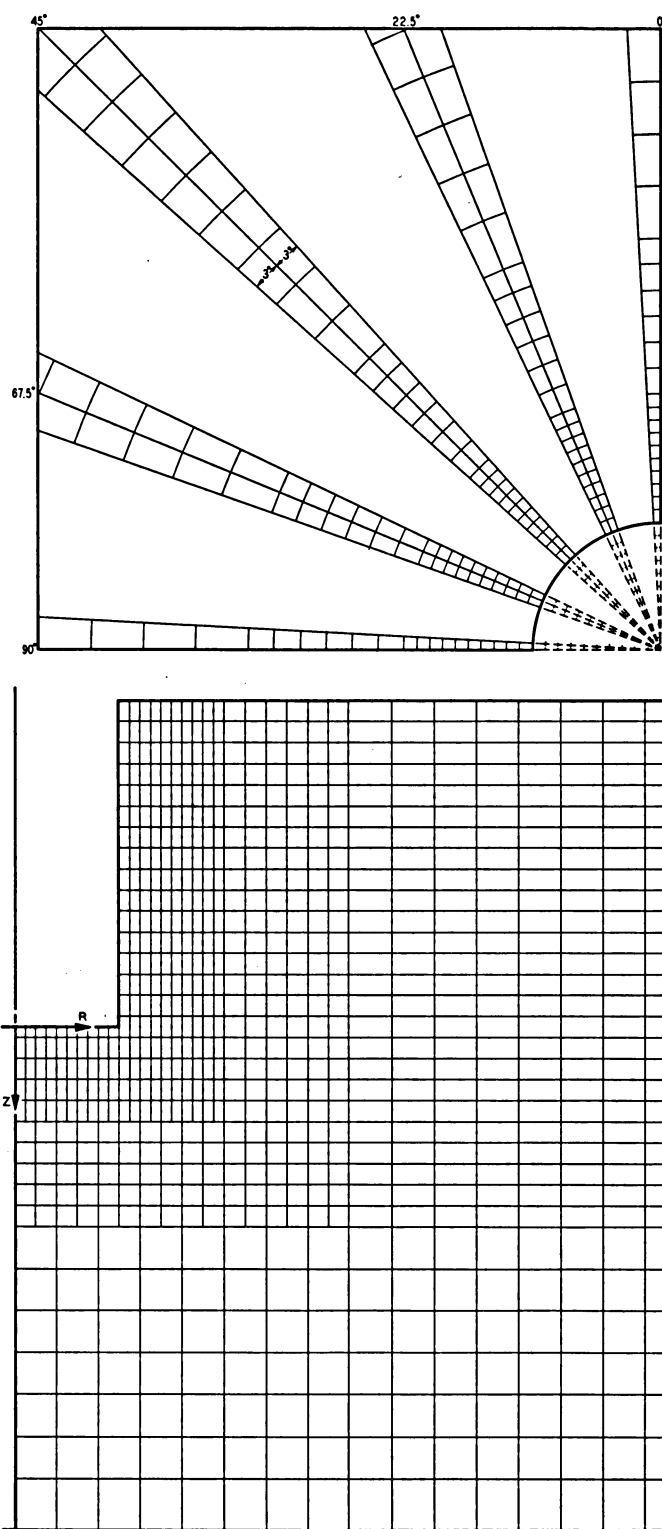
POLARISCOPE

FIGURE 7



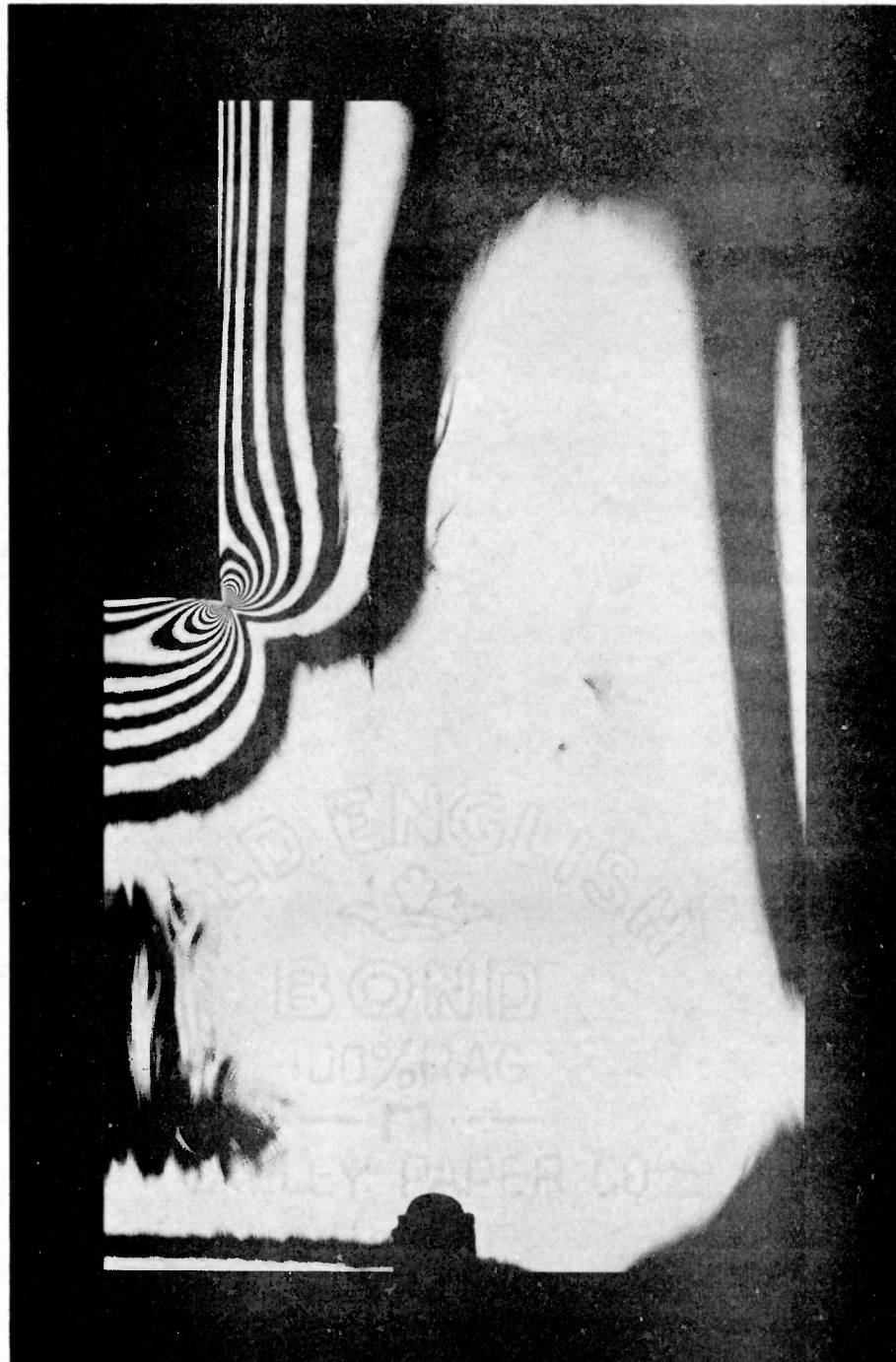
NETWORK FOR AXIALLY SYMMETRICAL PROBLEM

FIGURE 8



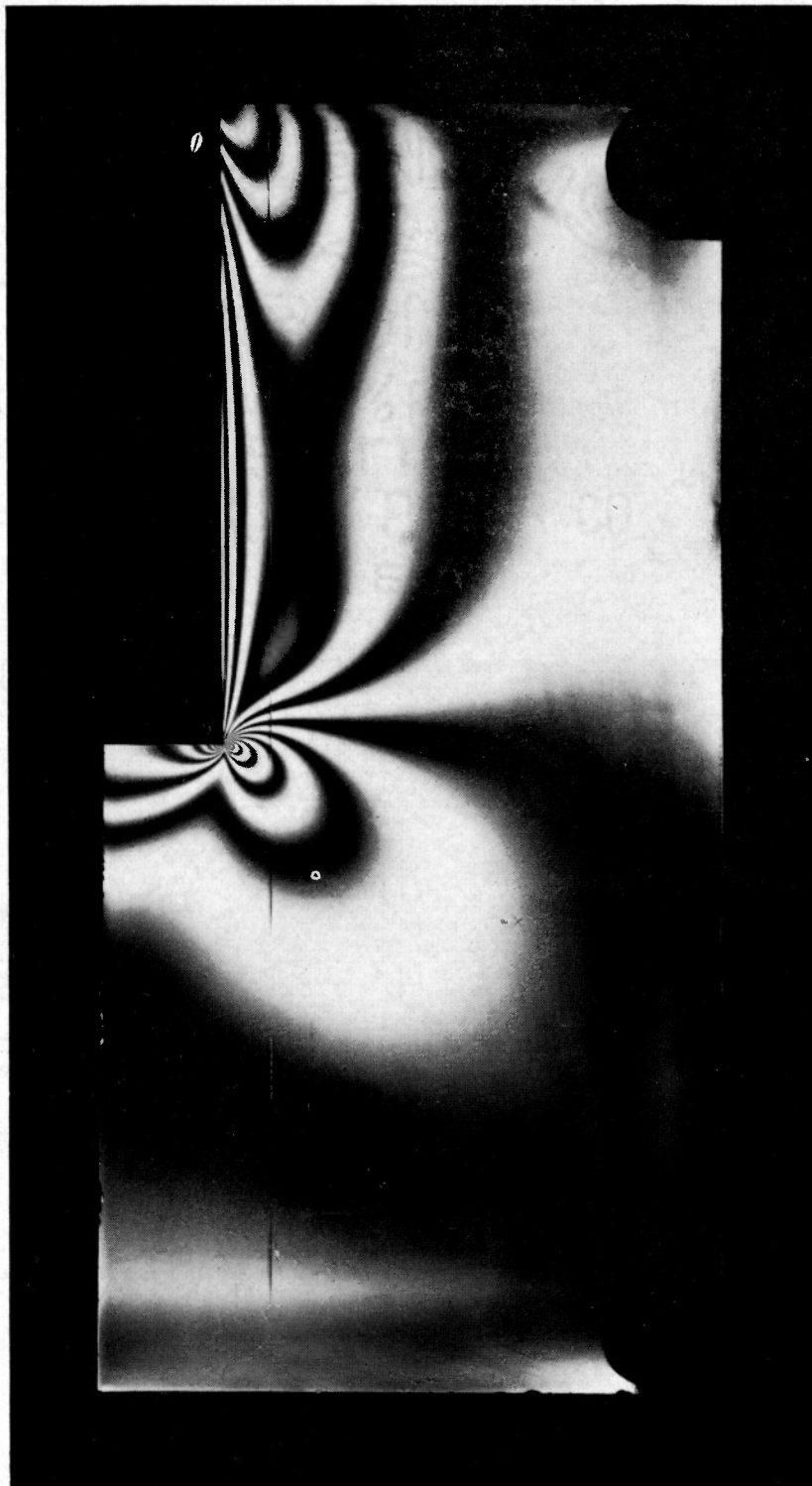
NETWORK FOR NON-AXIALLY SYMMETRICAL PROBLEM

FIGURE 9



FRINGE PATTERN
AXIALLY SYMMETRICAL LOADING

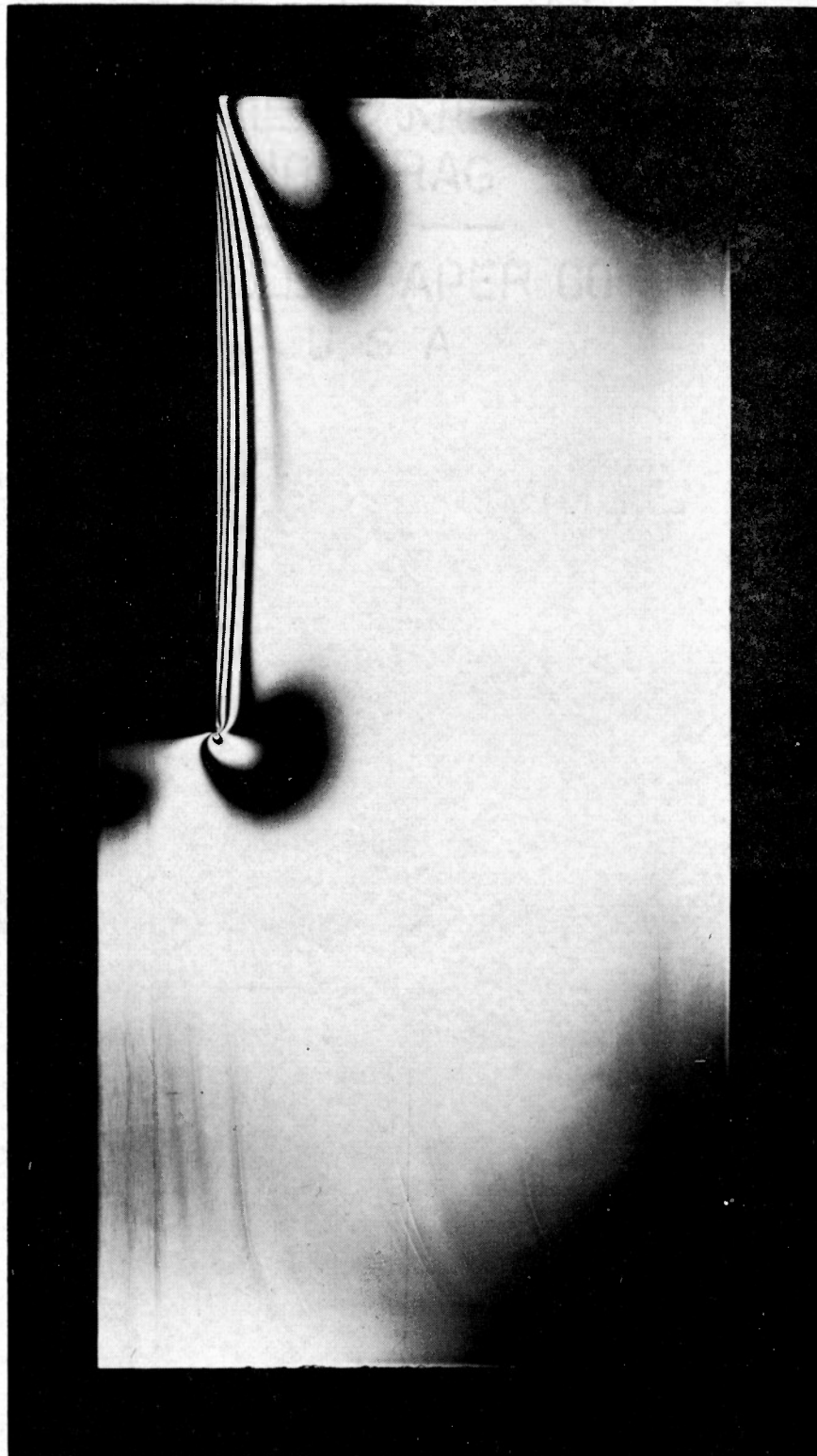
FIGURE 10



FRINGE PATTERN

$\theta = 0^\circ$

FIGURE 11



FRINGE PATTERN

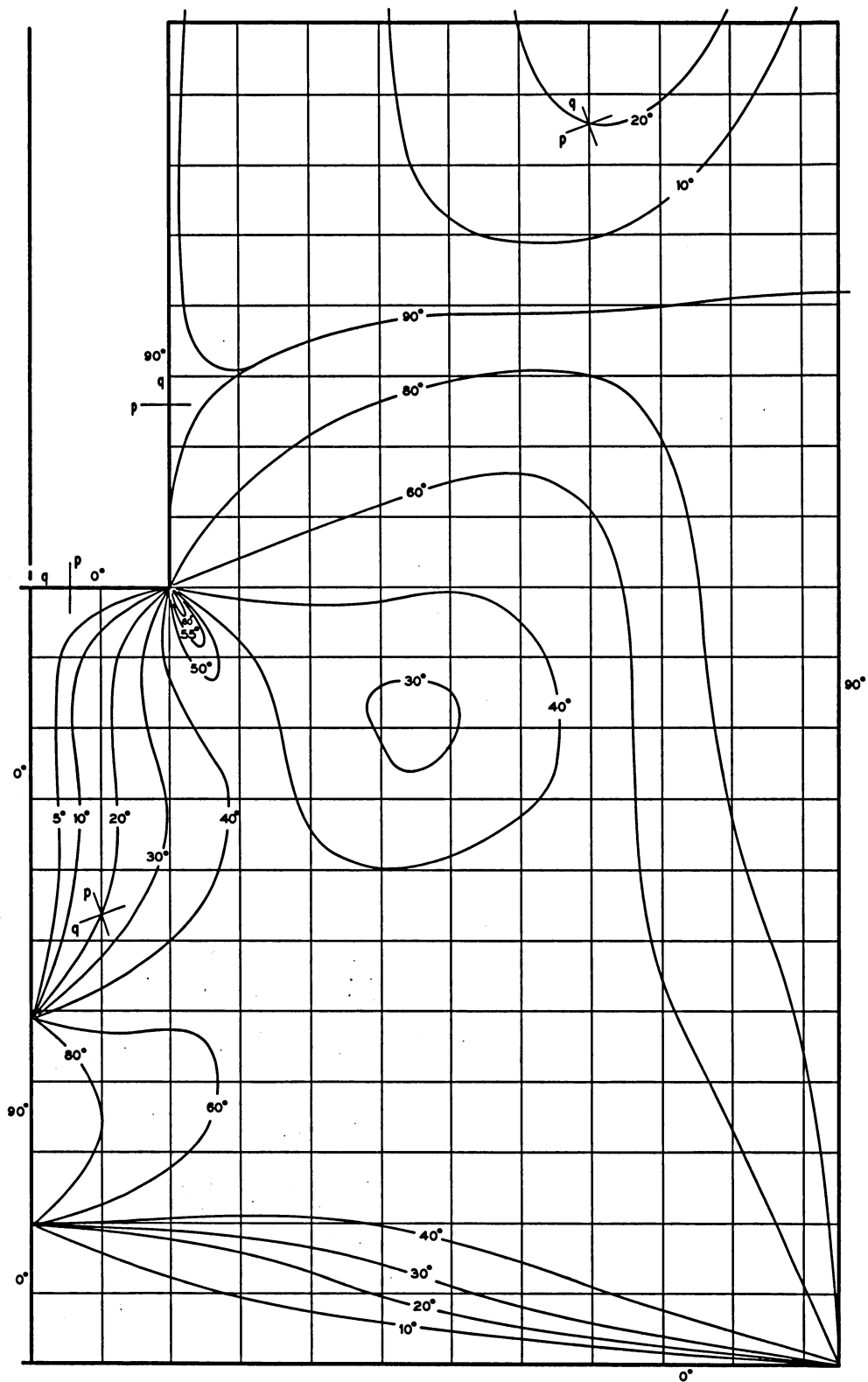
$\theta_1 = 90^\circ$

FIGURE 12



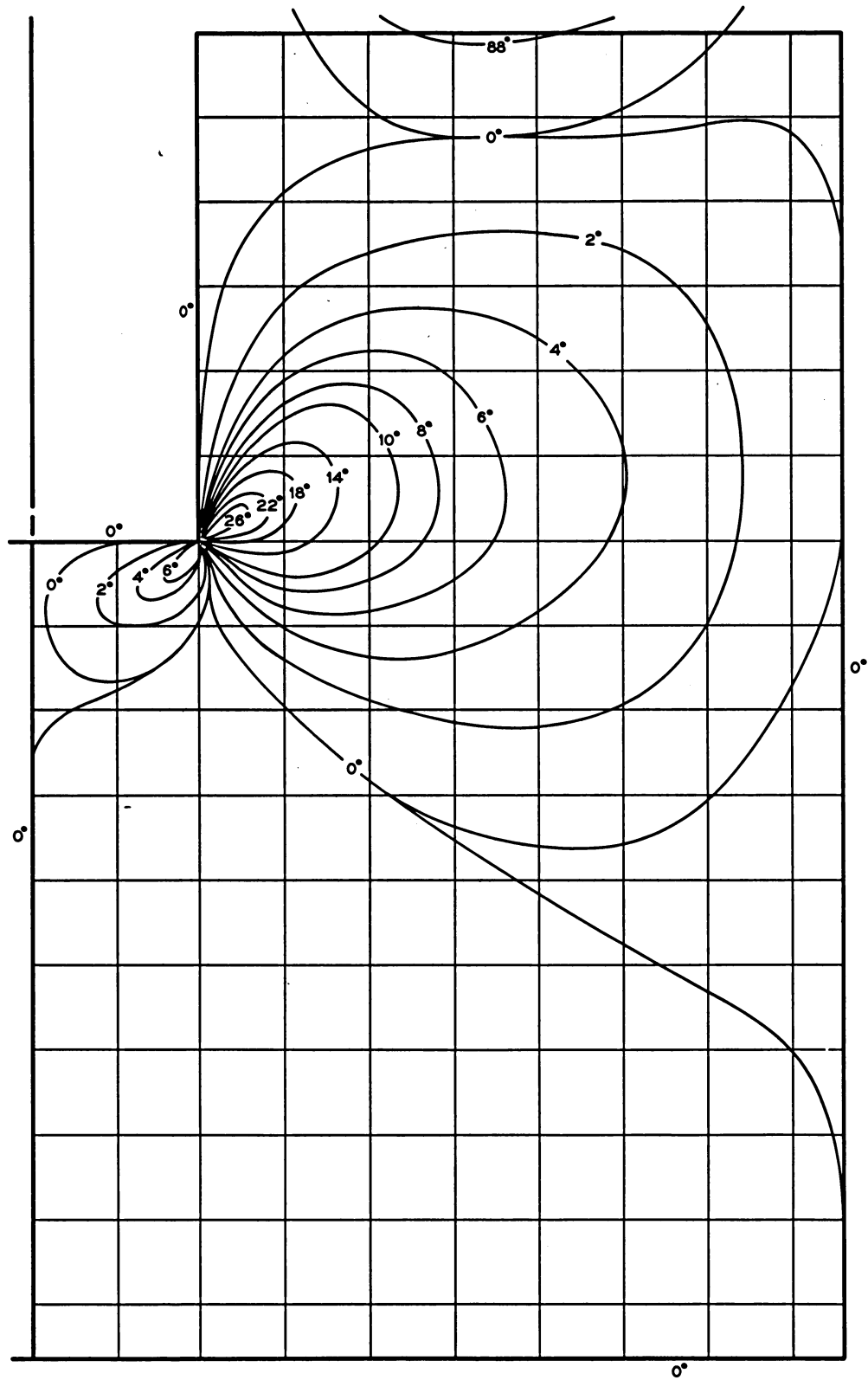
FRINGE PATTERN
 $Z = -2.5$

FIGURE 13



ISOCLINICS
AXIALLY SYMMETRICAL LOADING

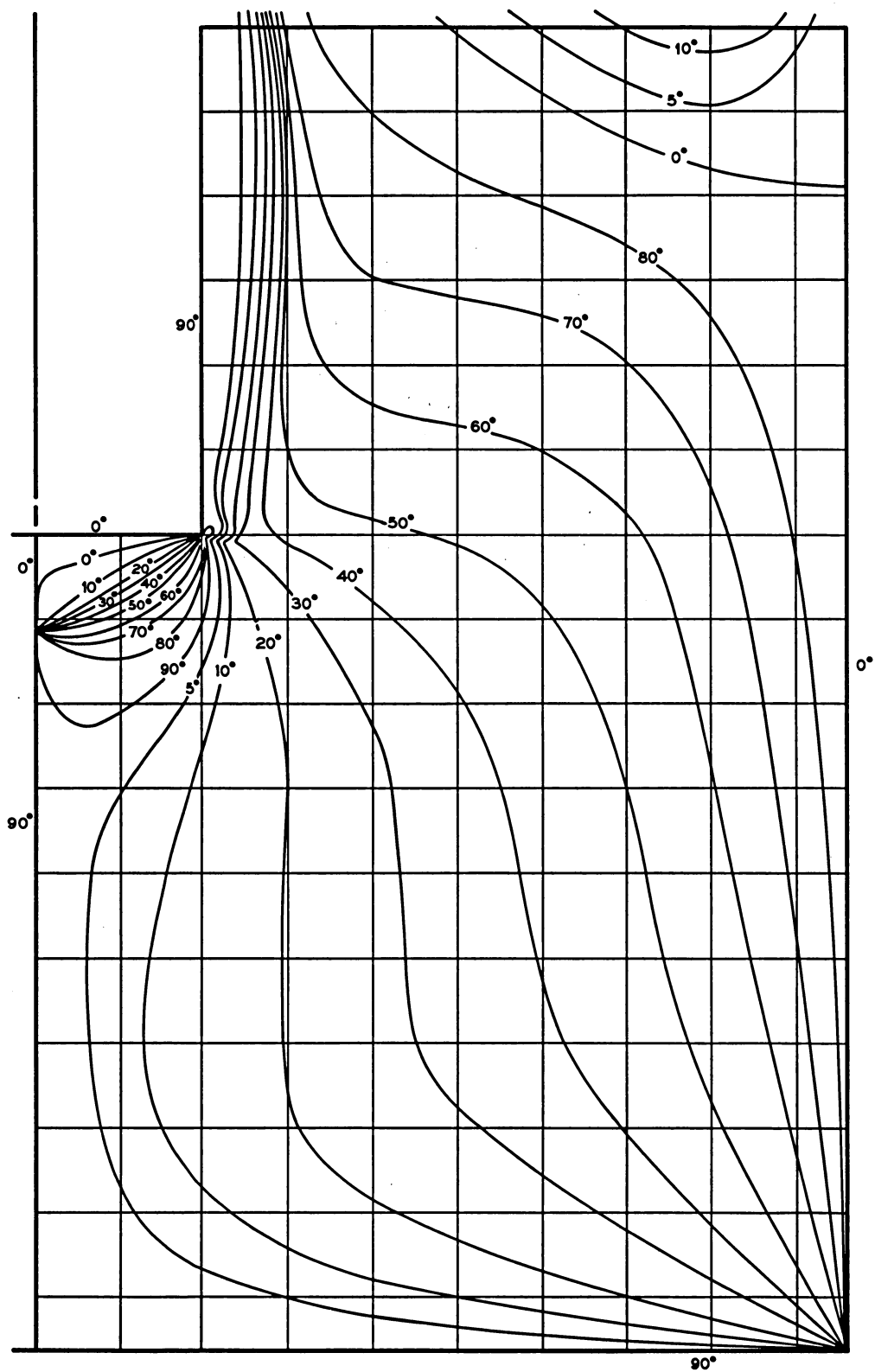
FIGURE 14



ISOCLINICS

$\theta = 0^\circ$

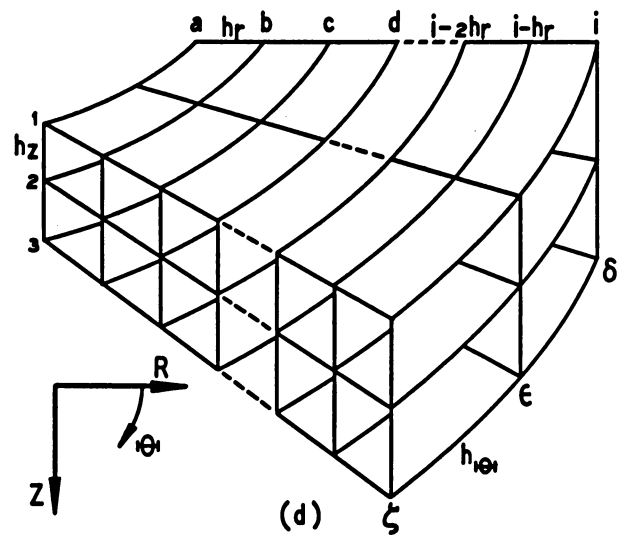
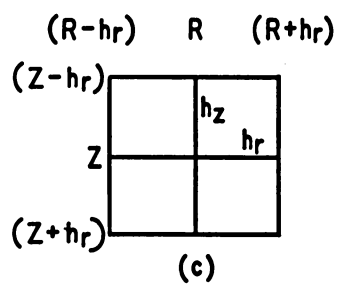
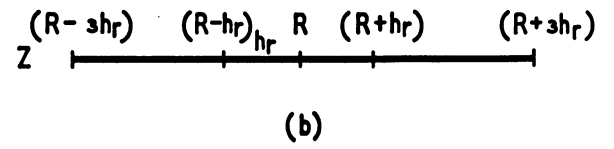
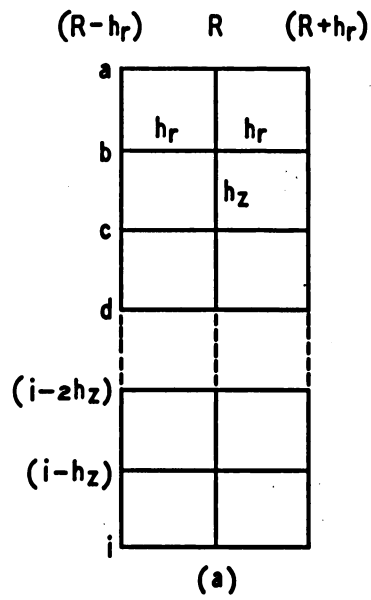
FIGURE 15



ISOCLINICS

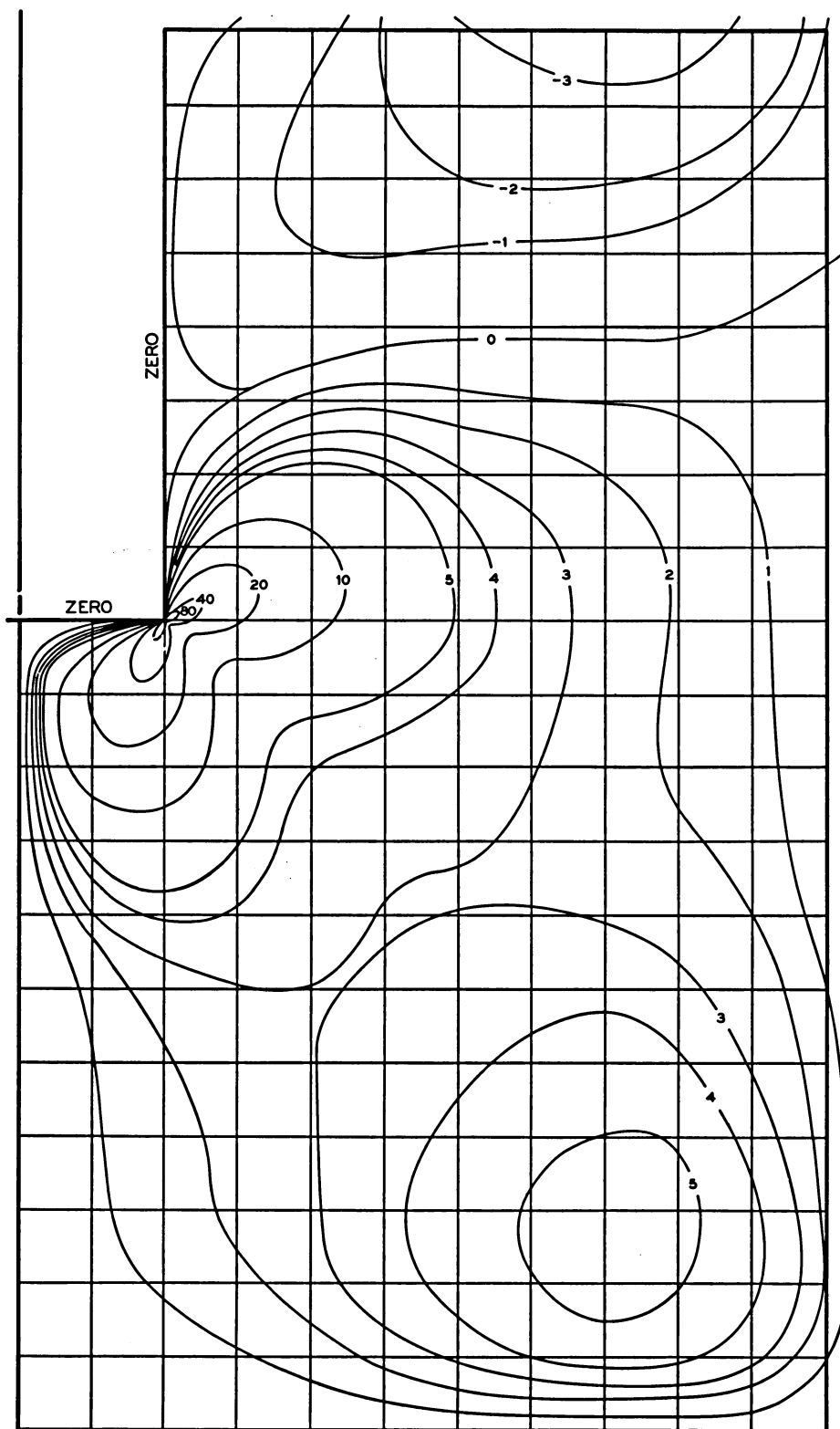
$\Theta = 90^\circ$

FIGURE 16



NODE DESIGNATION

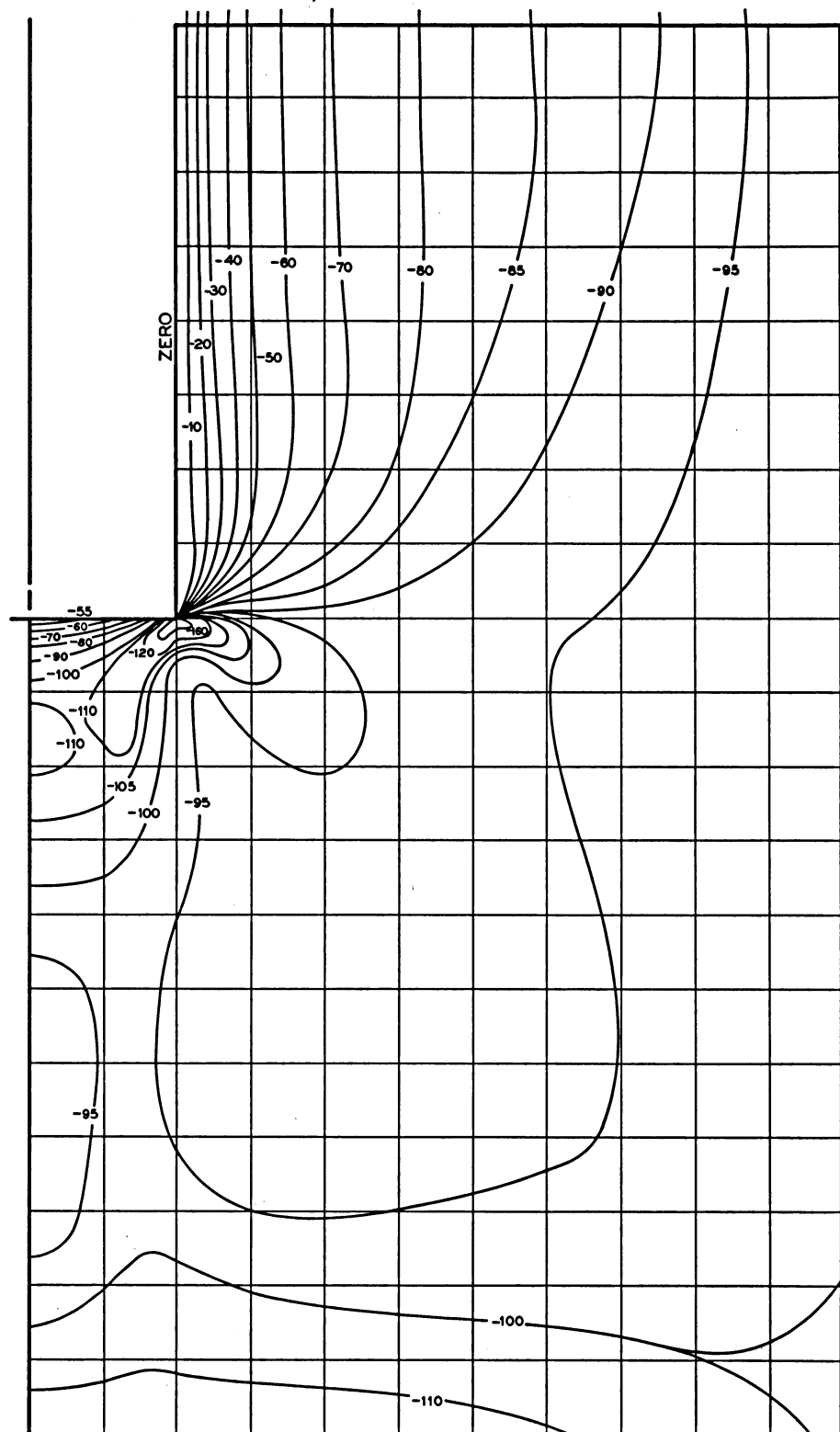
FIGURE 17



τ_{rz}

AXIALLY SYMMETRICAL

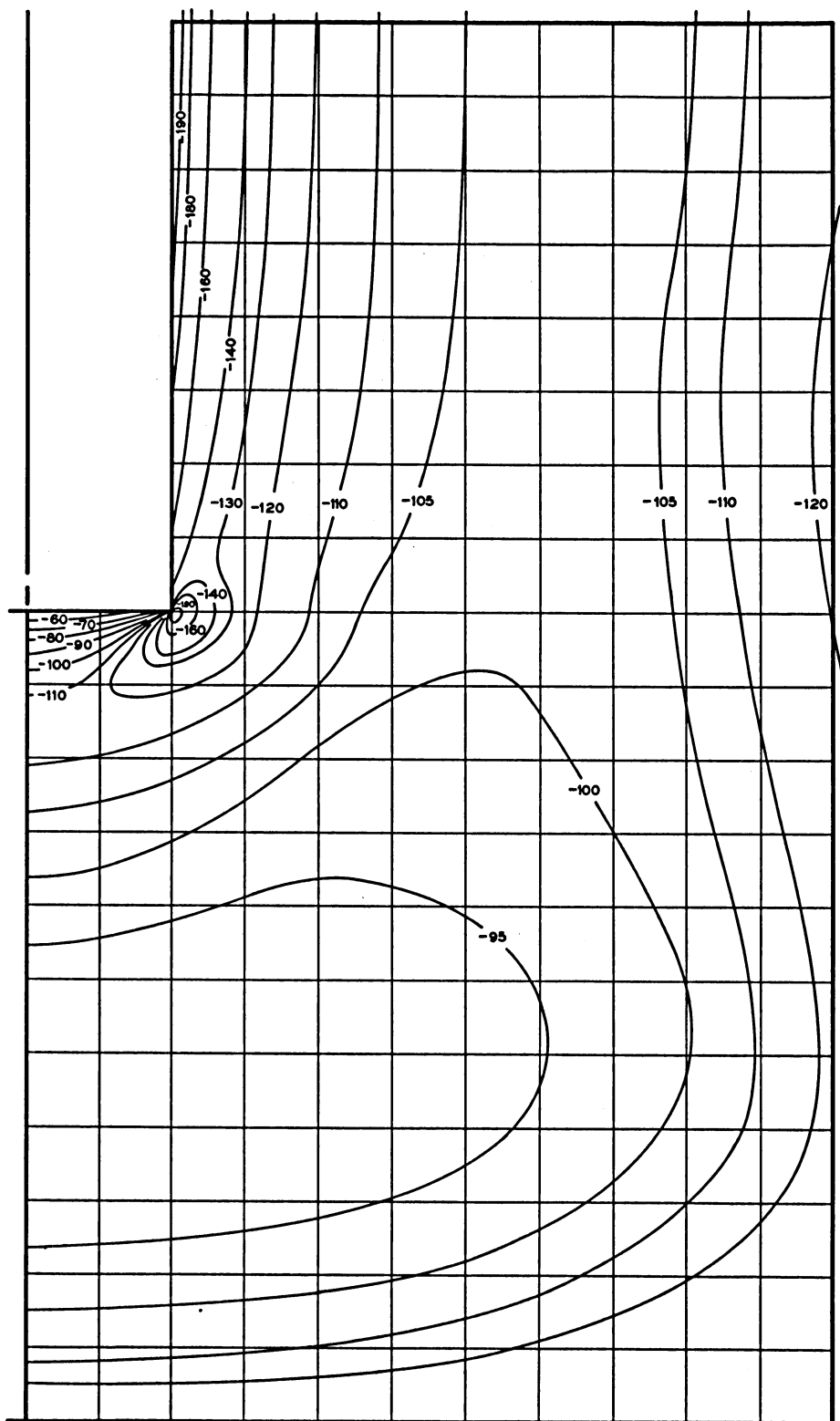
FIGURE 18



σ_r

AXIALLY SYMMETRICAL

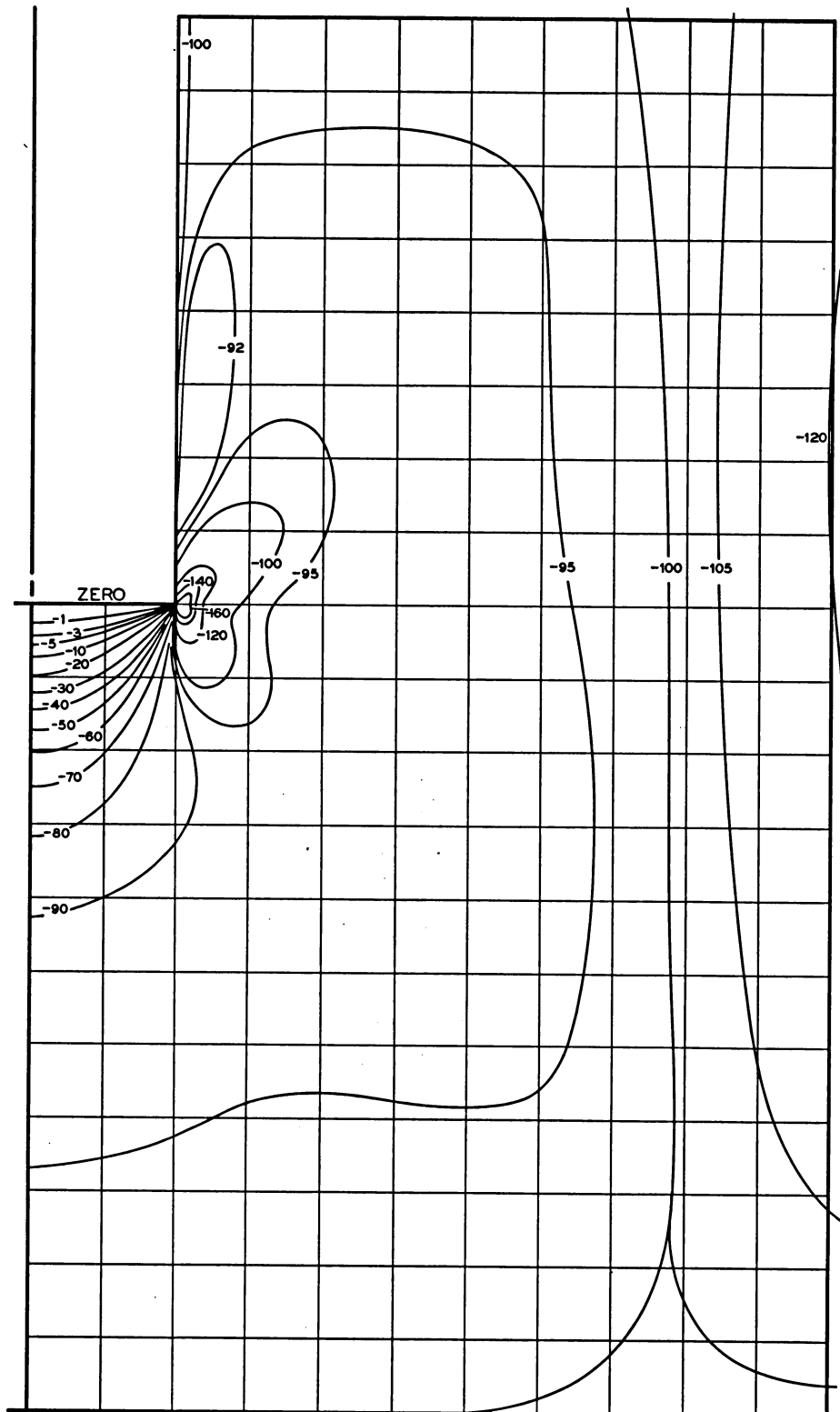
FIGURE 19



σ_{θ}

AXIALLY SYMMETRICAL

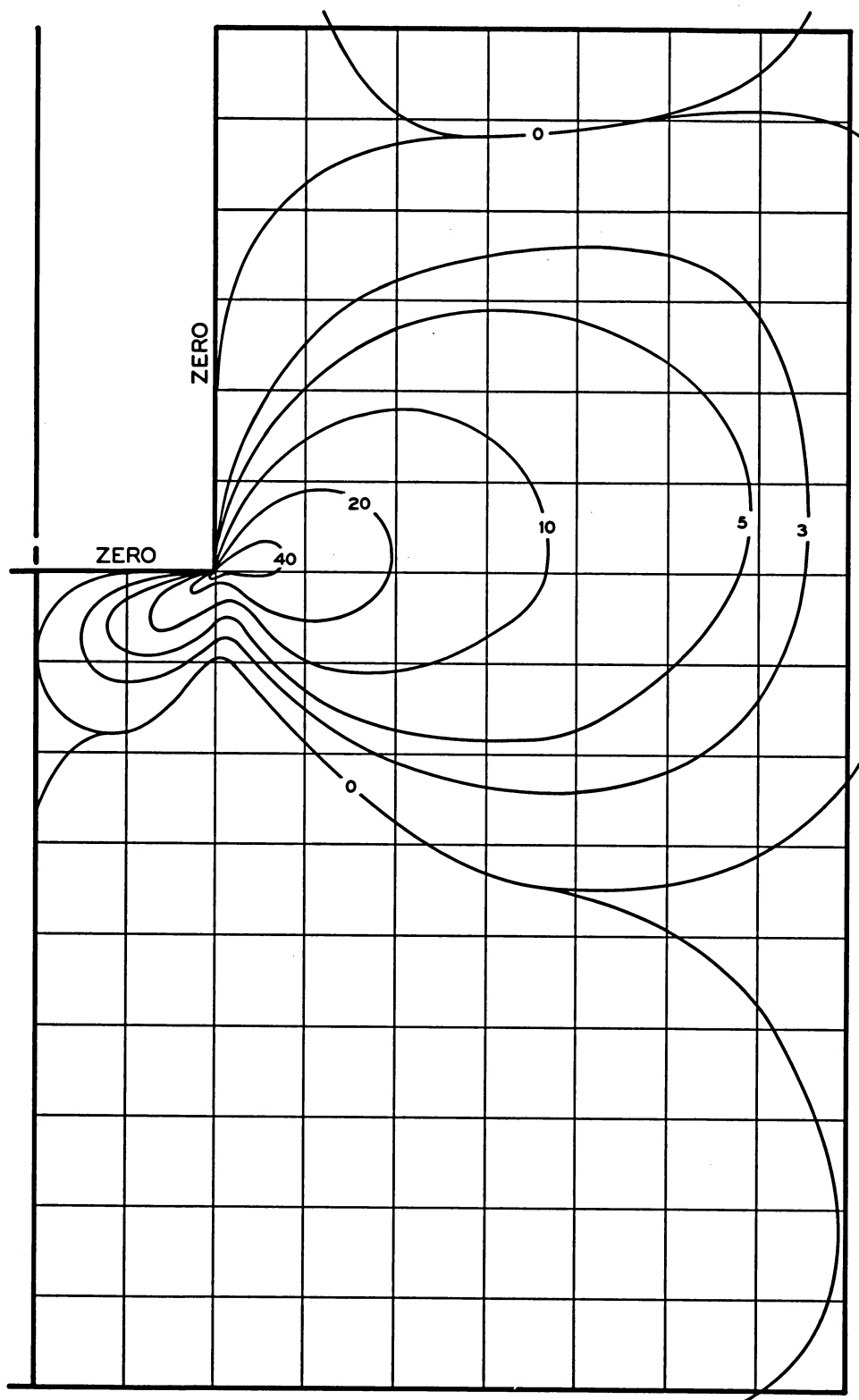
FIGURE 20



σ_z

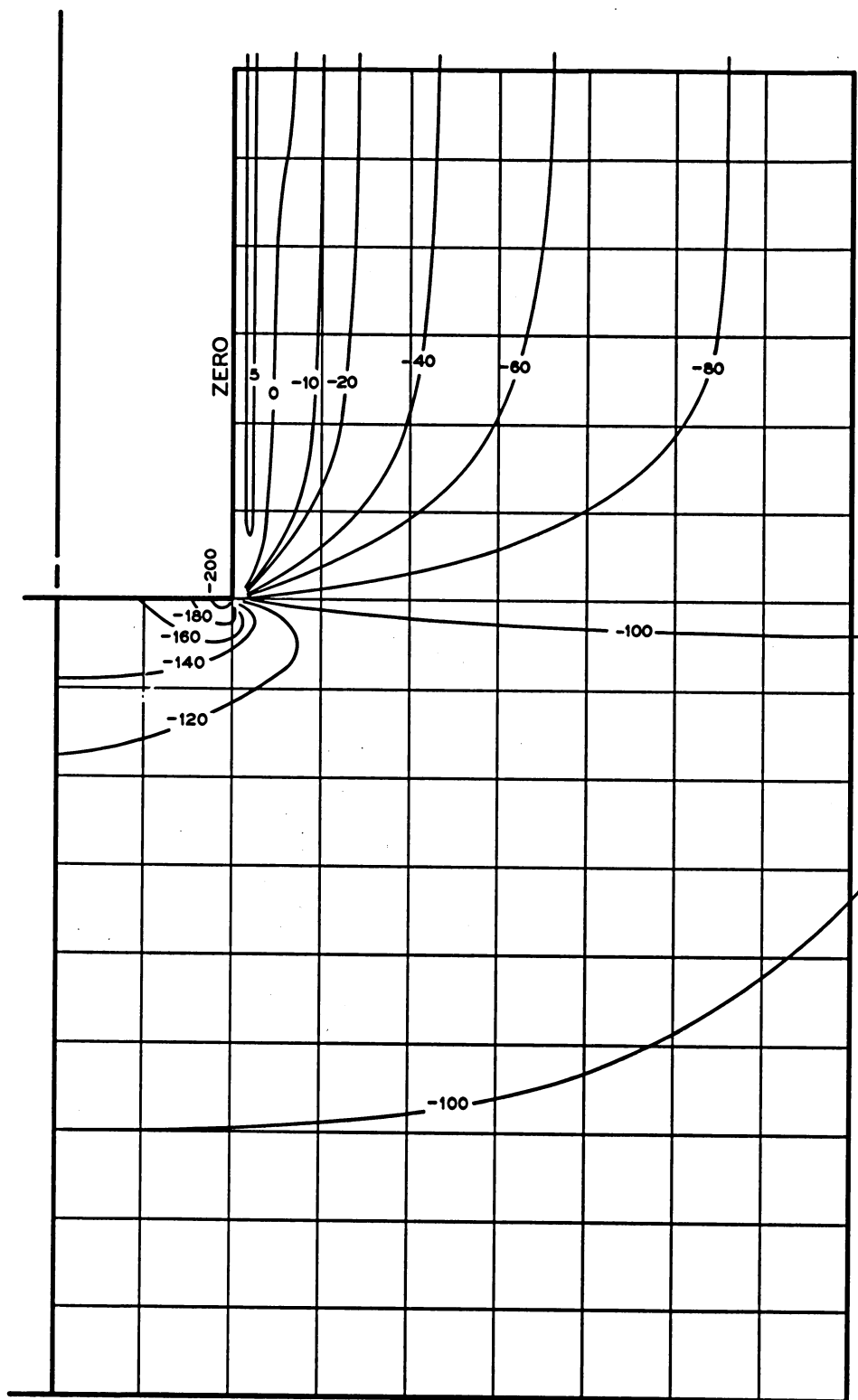
AXIALLY SYMMETRICAL

FIGURE 21

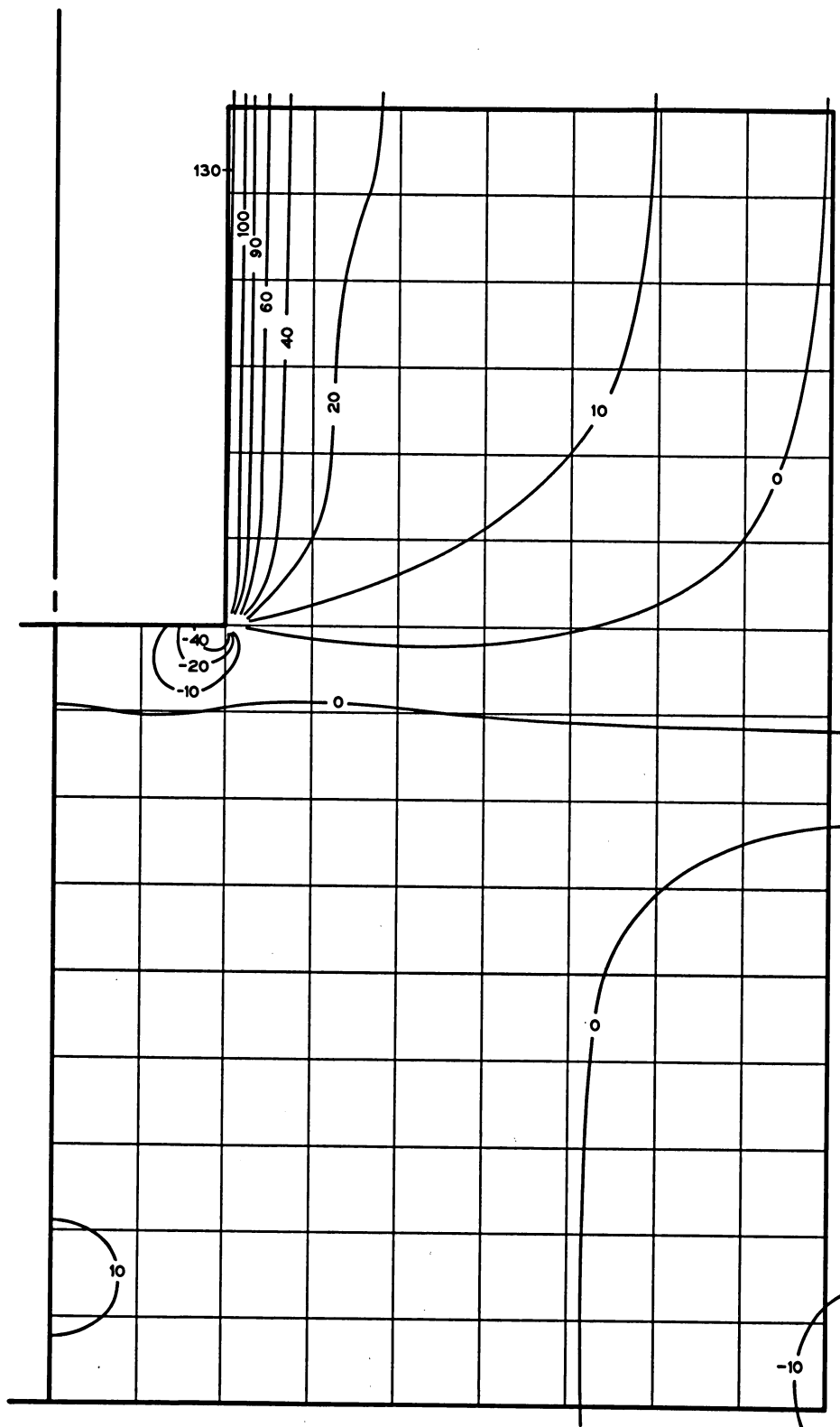


τ_{rz}
 $\theta = 0^\circ$

FIGURE 22

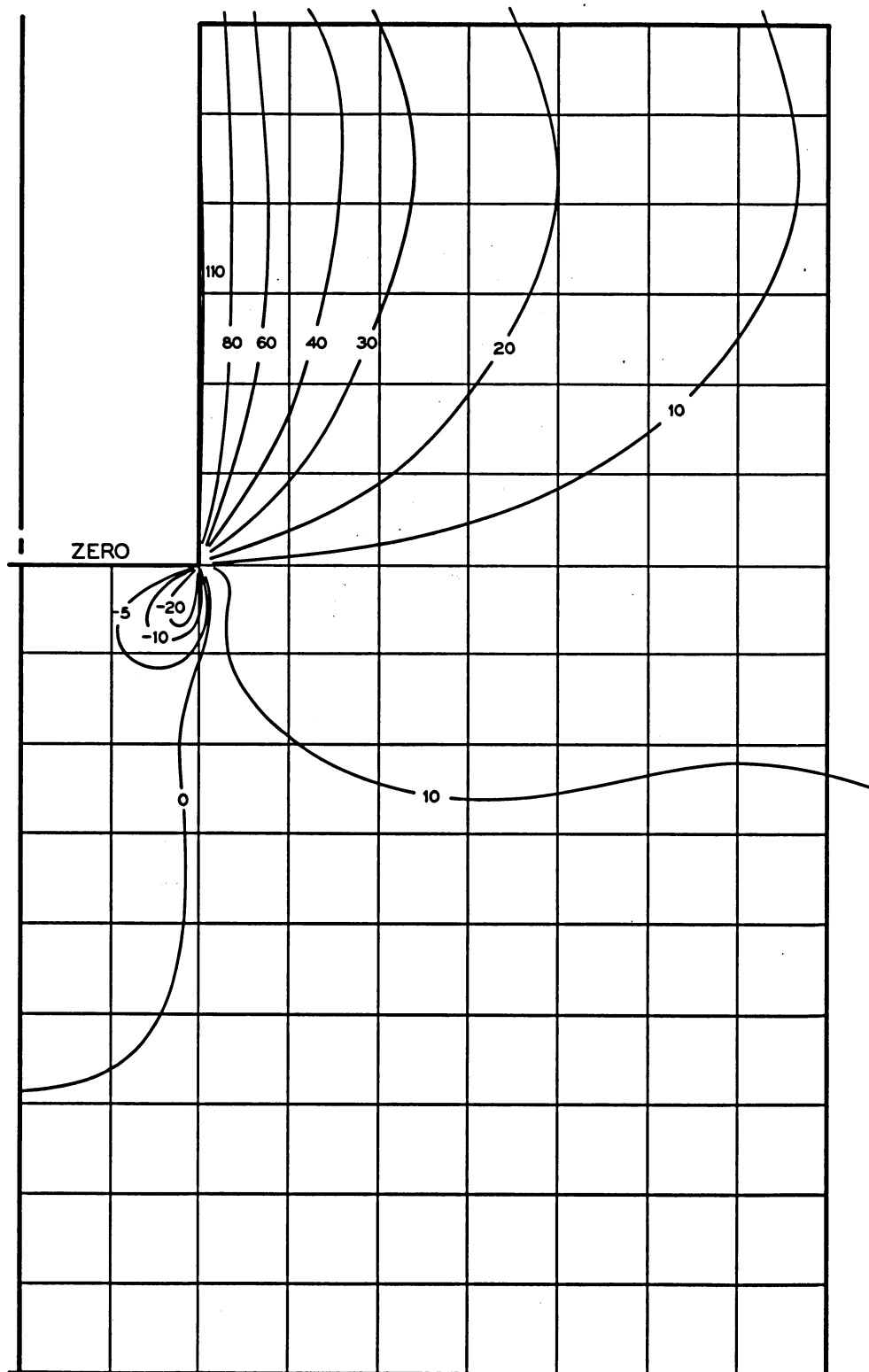


σ_r
 $\theta = 0^\circ$
 FIGURE 23

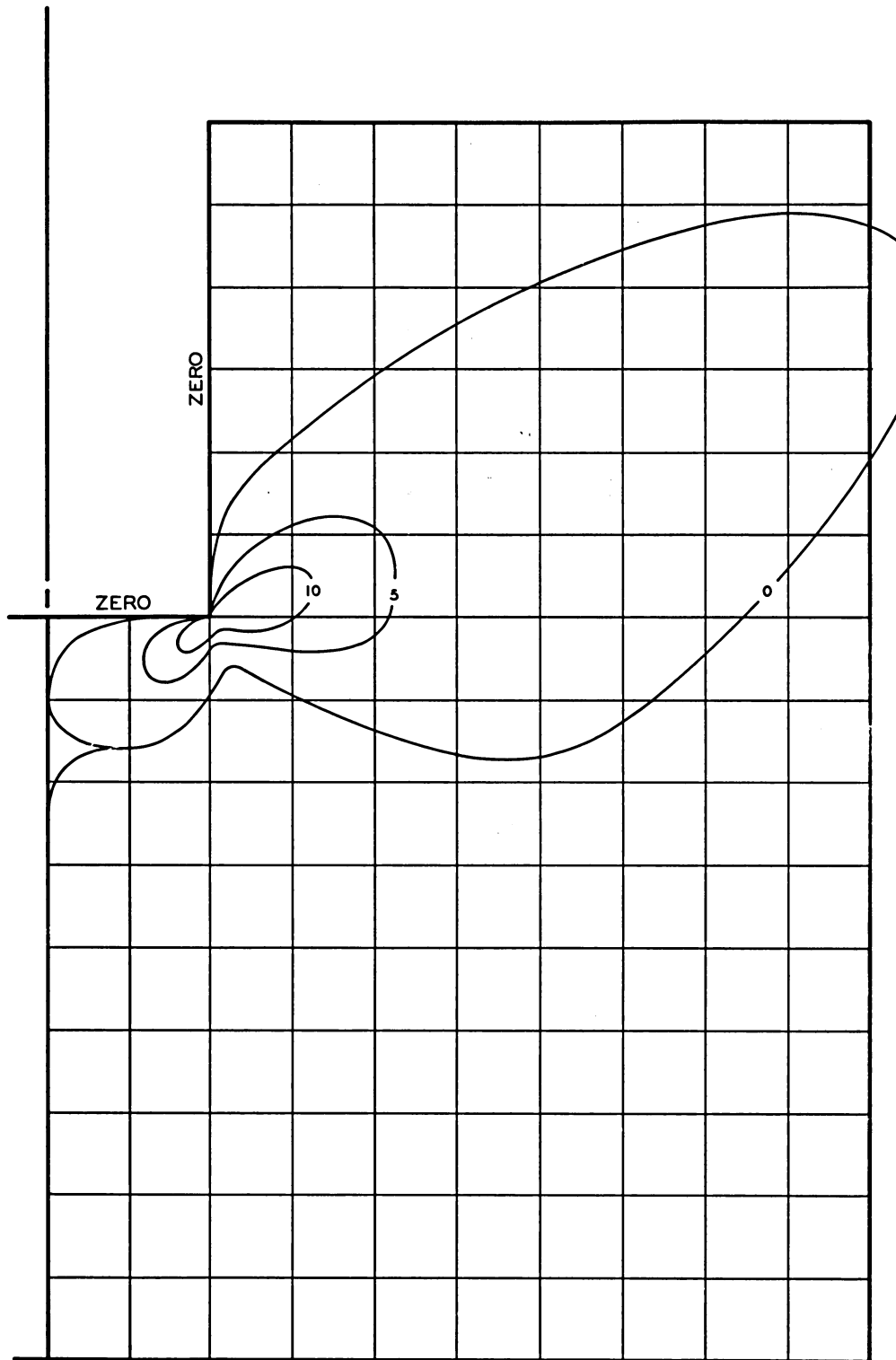


σ_{θ}
 $\theta = 0^\circ$

FIGURE 24

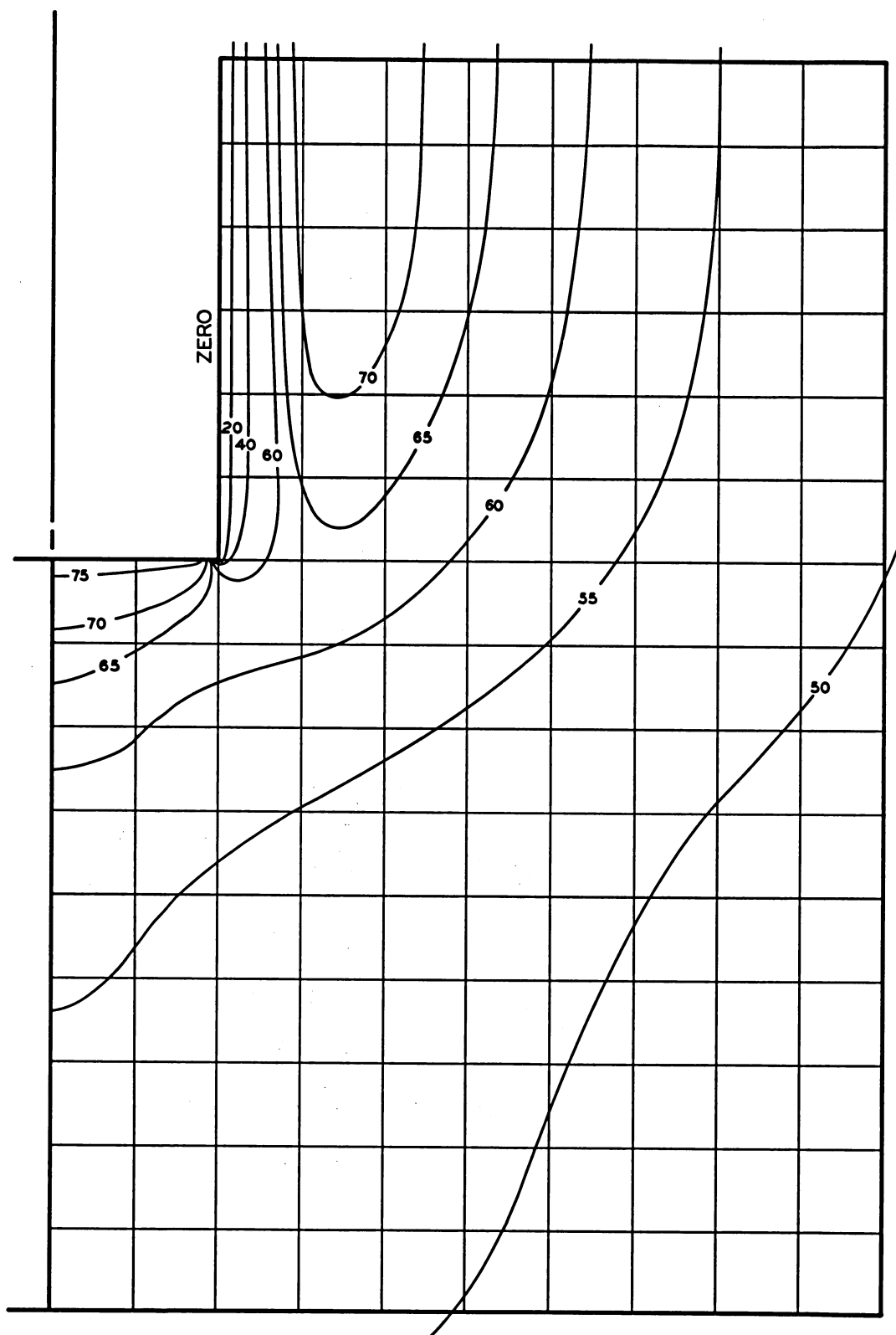


σ_z
 $\theta = 0^\circ$
 FIGURE 25

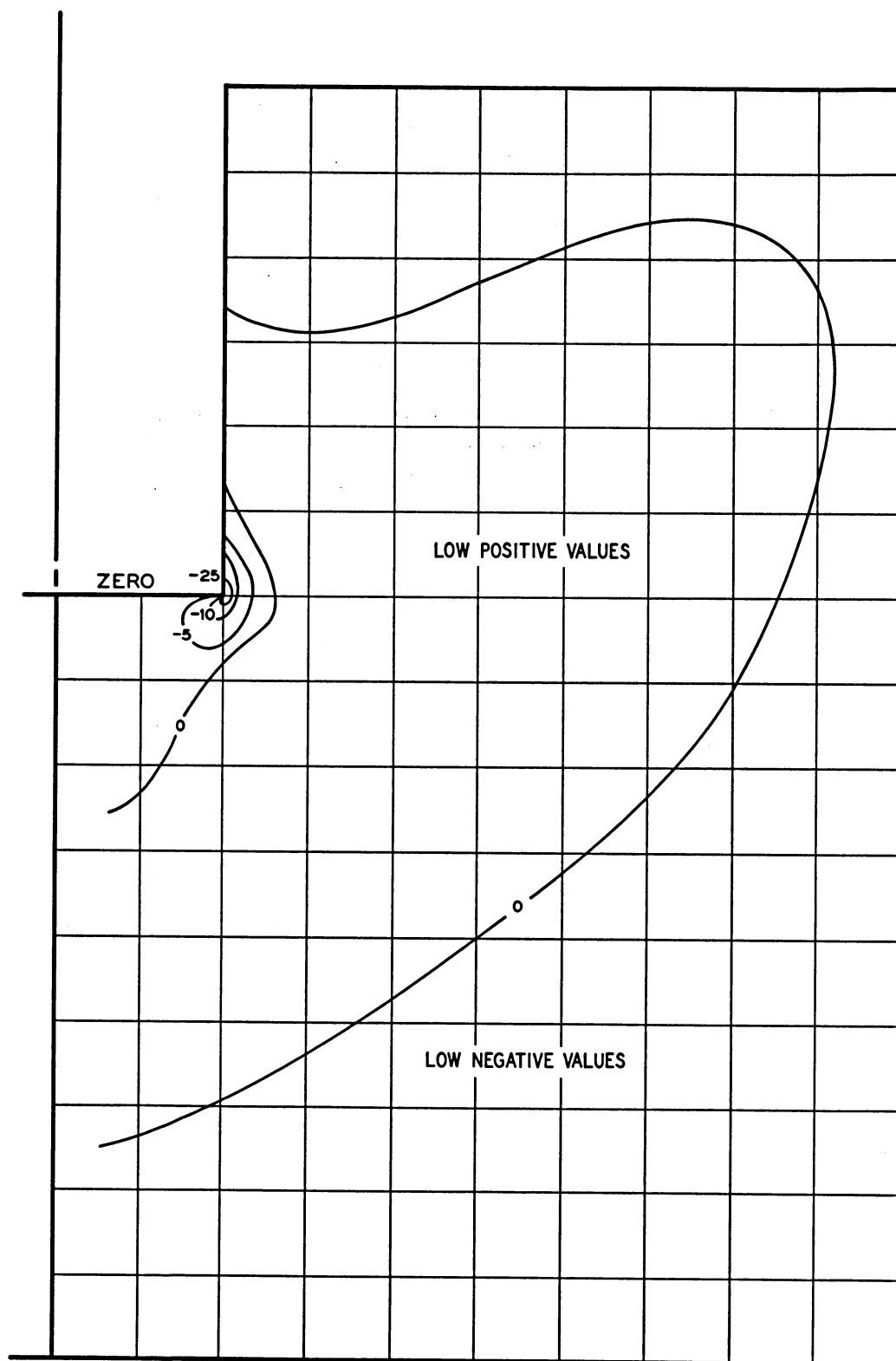


τ_{rz}
 $\theta = 45^\circ$

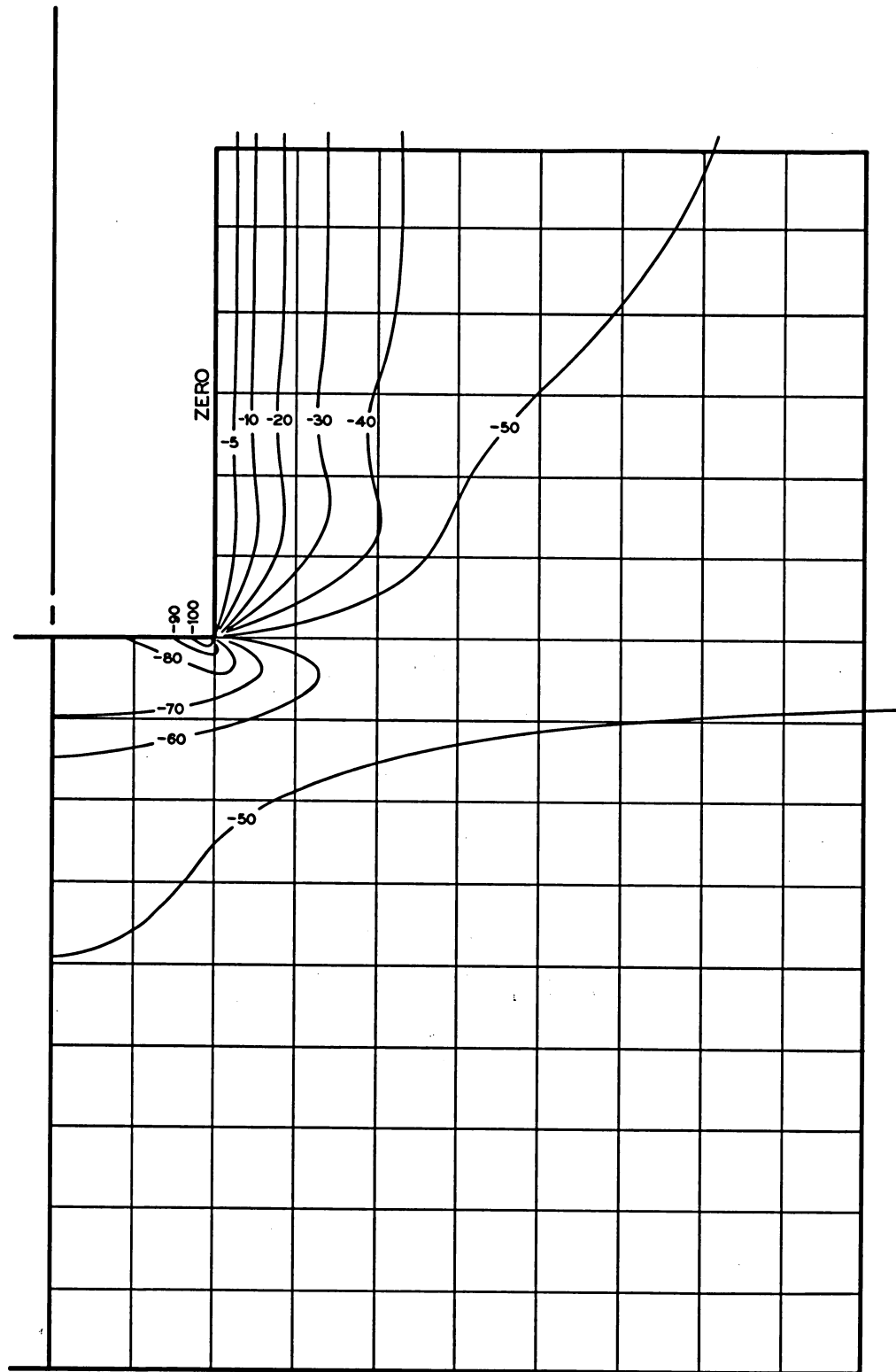
FIGURE 26



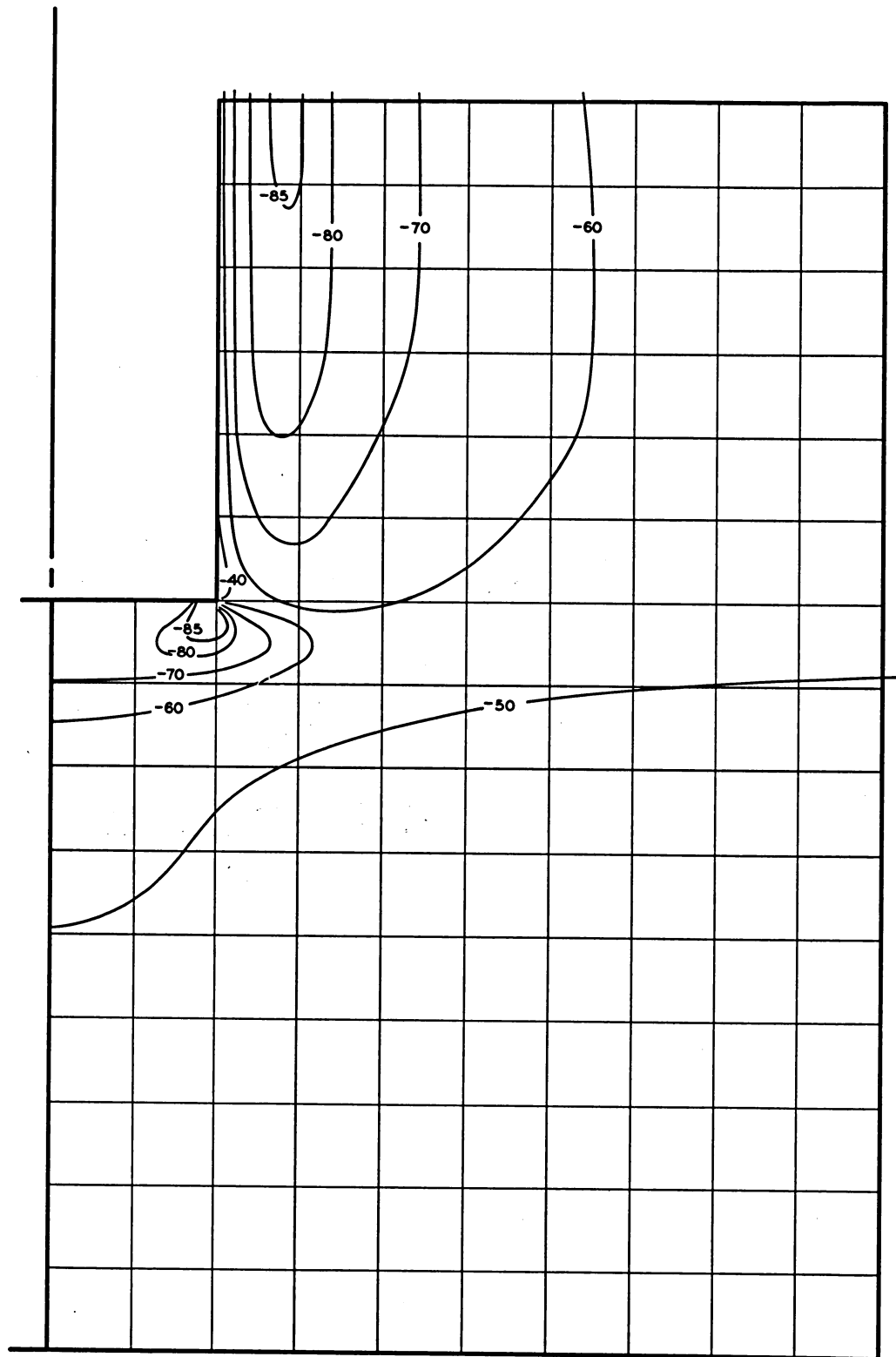
$\tau_{r\theta}$
 $\theta = 45^\circ$
 FIGURE 27



$T_{\theta z}$
 $\theta = 45^\circ$
 FIGURE 28

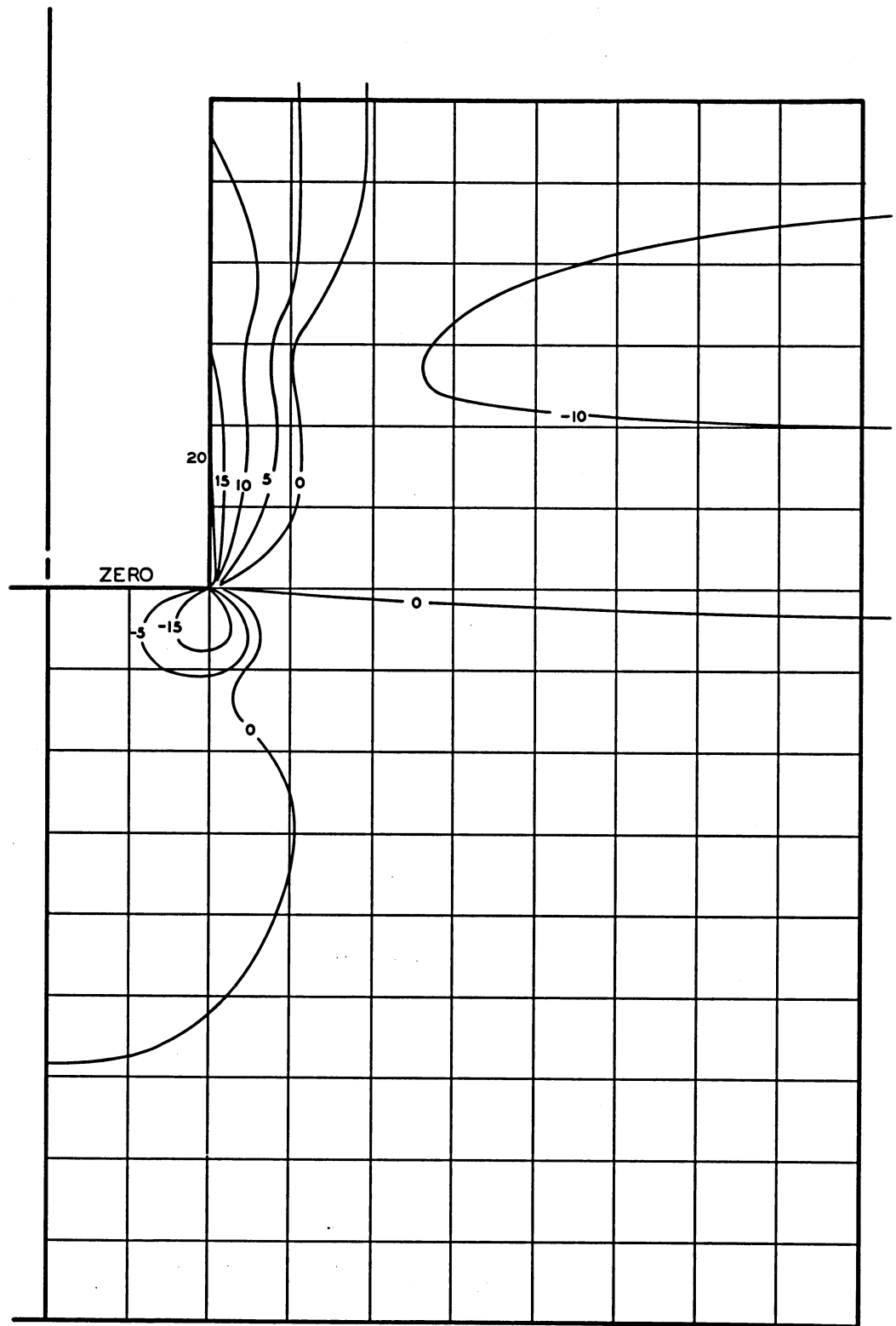


σ_r
 $\theta = 45^\circ$
 FIGURE 29

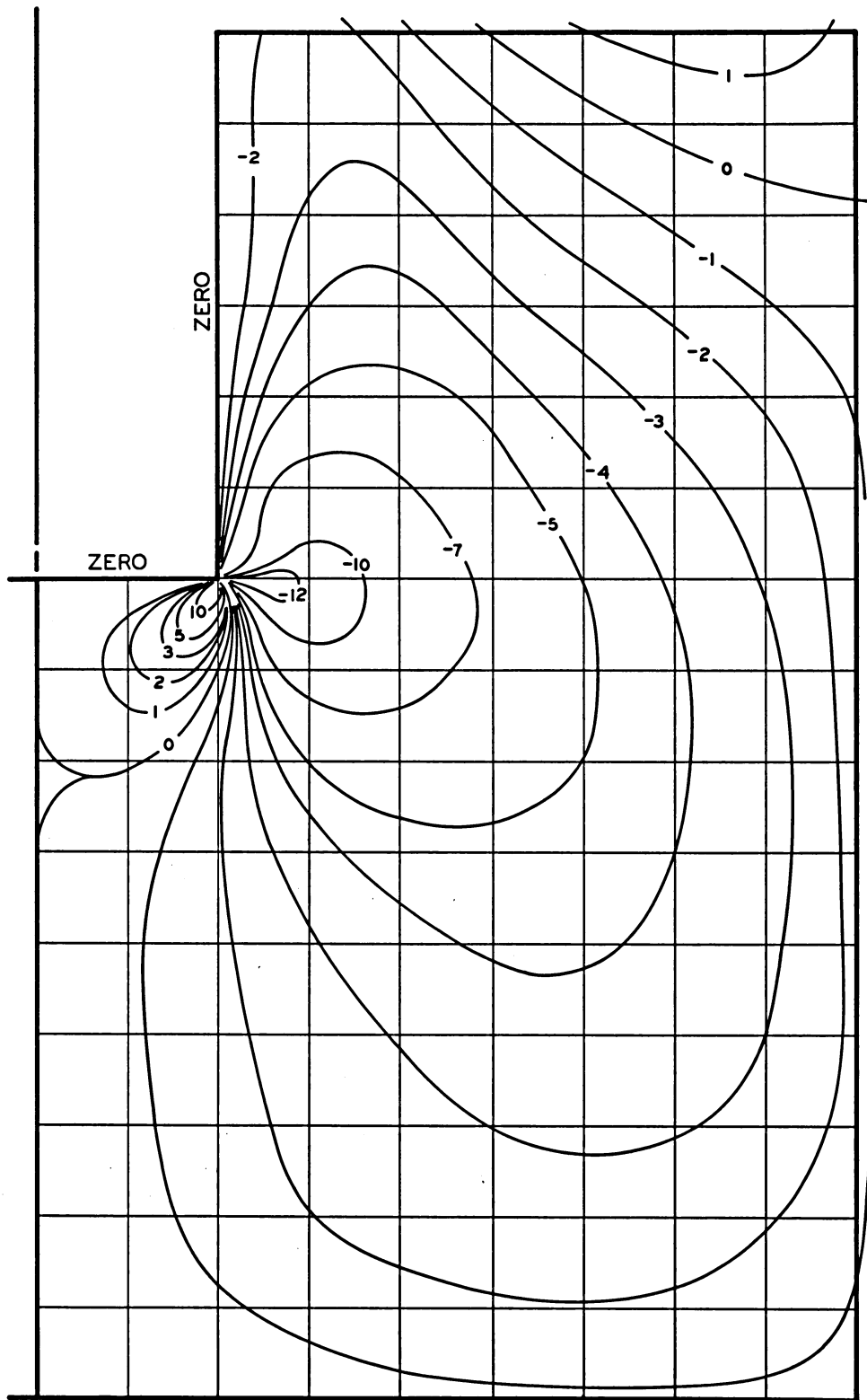


σ_{θ}
 $\theta = 45^\circ$

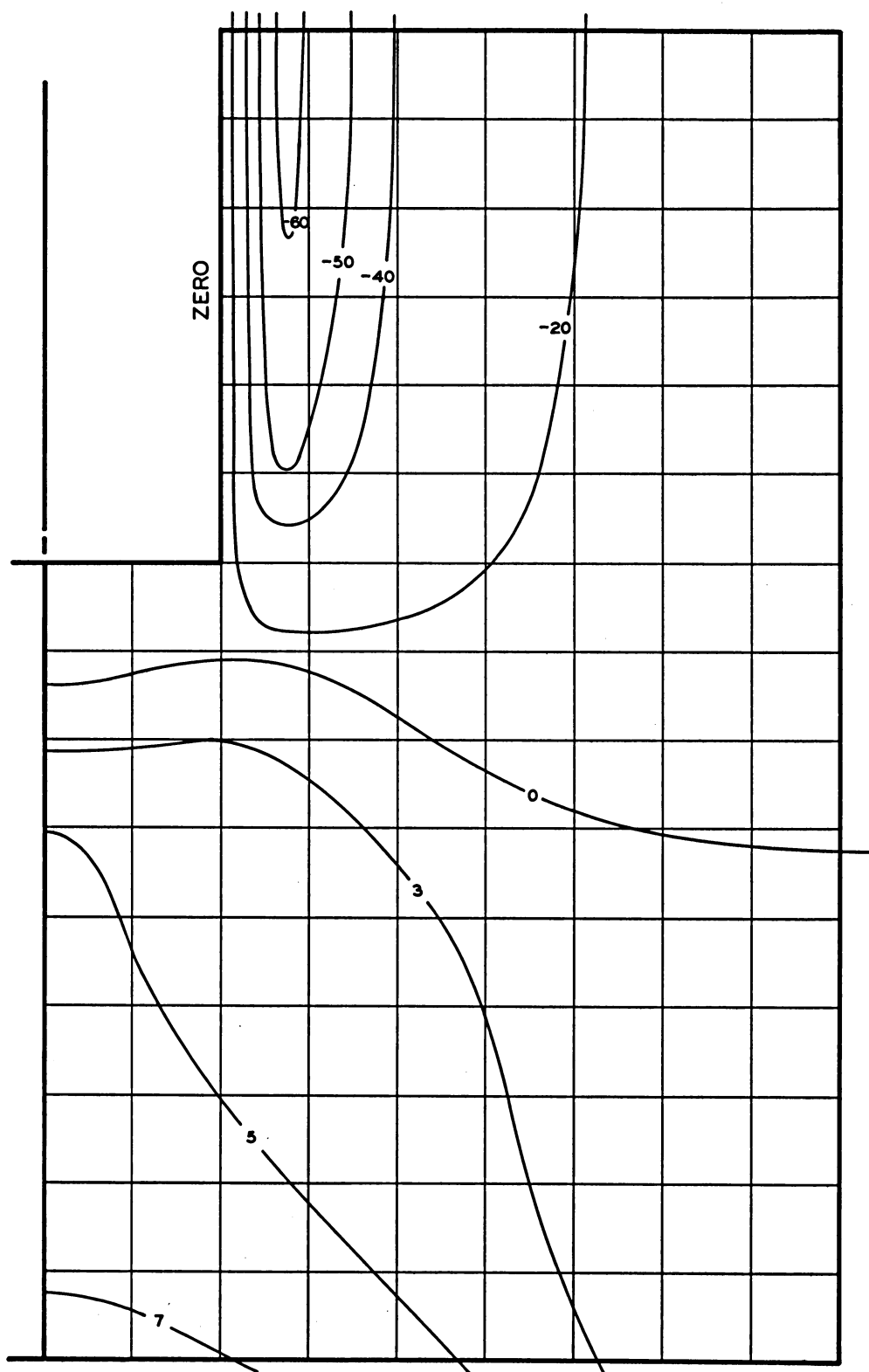
FIGURE 30



σ_z
 $\theta = 45^\circ$
 FIGURE 31

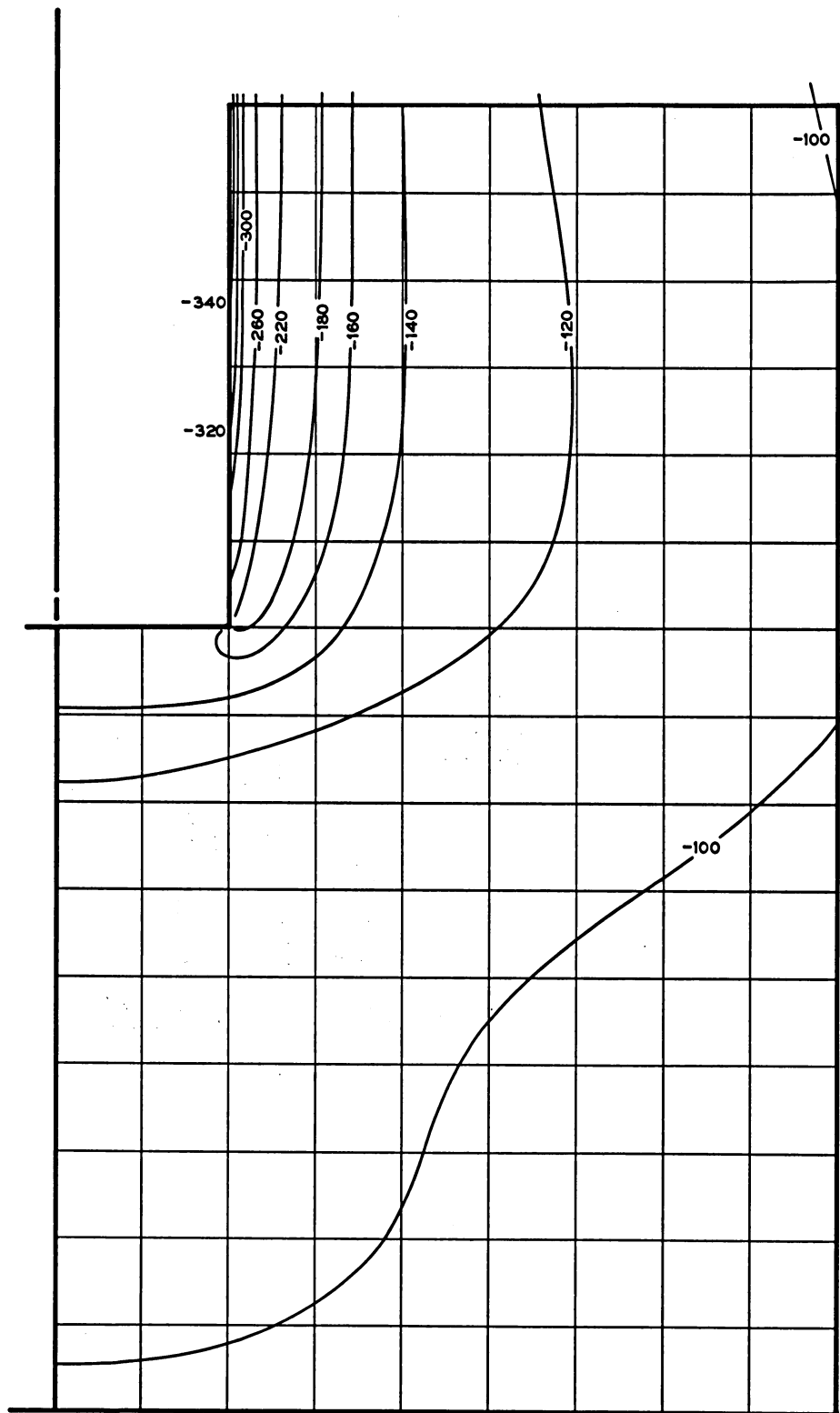


T_{rz}
 $\phi = 90^\circ$
 FIGURE 32

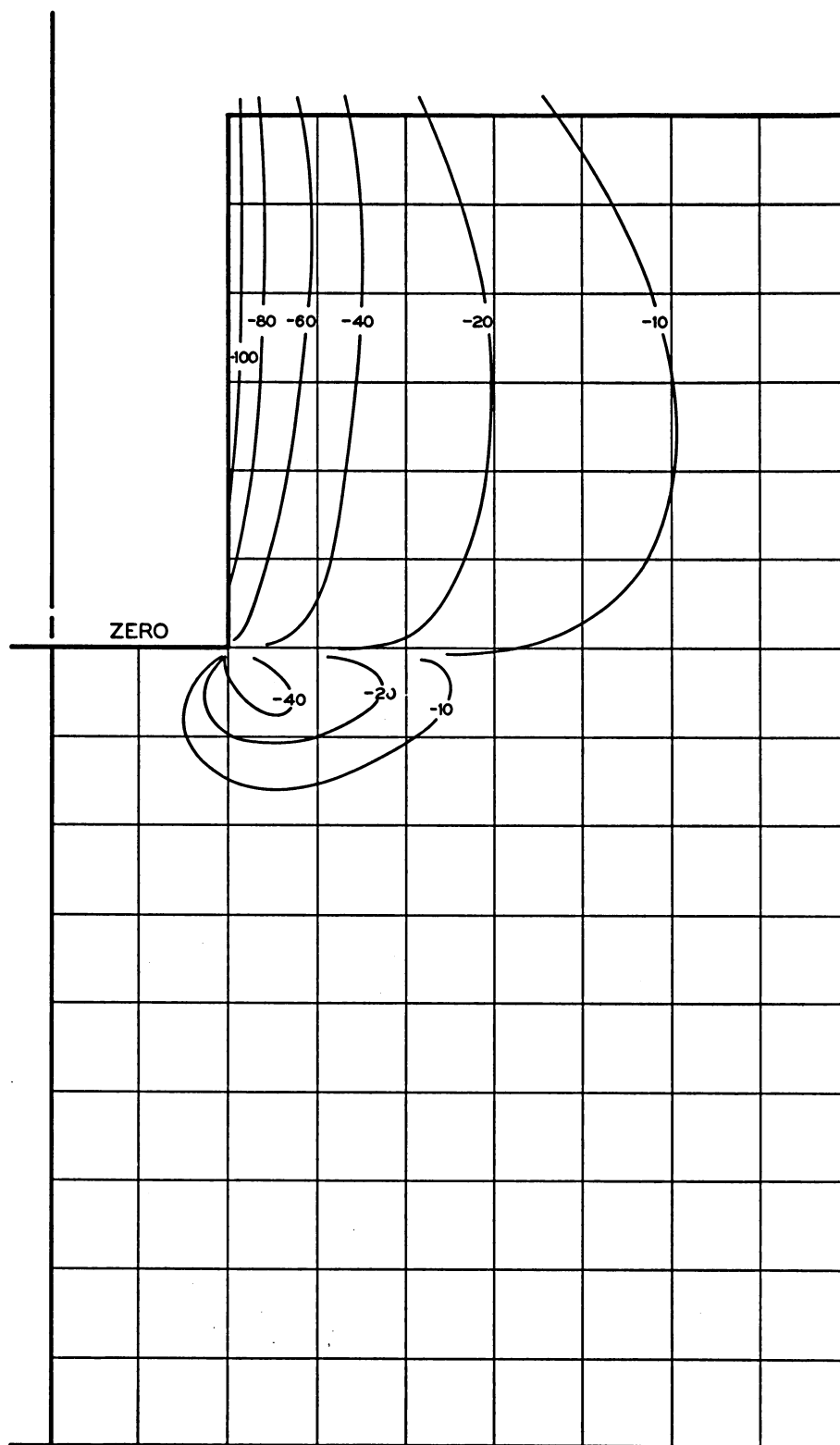


σ_r
 $\theta = 90^\circ$

FIGURE 33



σ_{ϕ}
 $\phi = 90^\circ$
 FIGURE 34



σ_z
 $\theta = 90^\circ$
 FIGURE 35

APPENDIX

The six stress components for each nodal point are listed in the tabulation. For the axially symmetrical problem, the maximum shearing stress ($\frac{p-q}{2}$) is tabulated in addition to the stress components. Values of σ_e in the axially symmetrical problem which are denoted by an asterisk were calculated by equation (24). All other values of σ_e were calculated by equation (19).

The listing for the axially symmetrical problem is arranged by constant values of Z and increasing values of R. For the non-axially symmetrical problem, the tabulation is arranged by constant values of θ . Within θ , constant values of Z and increasing values of R are tabulated. The coordinates R and Z are given in terms of the hole radius. θ is given in degrees and all stresses are in pounds per square inch. Blank spaces in the tabulation mean that no value of the stress was calculated. Negative stress values are indicated by a negative sign following the numerical value of the stress.

Tabulation of Stresses for Axially Symmetrical Problem

R	Z	τ_{rz}	σ_r	σ_θ	σ_z	τ_{MAX}
.00	.00	.0	51.7-	51.7-	.0	25.8
.10	.00	.0	51.8-		.0	25.9
.20	.00	.0	52.2-		.0	26.1
.30	.00	.0	53.5- * 52.4-		.0	26.7
.40	.00	.0	55.4- * 53.9-		.0	27.7
.50	.00	.0	57.2- * 53.7-		.0	28.6
.60	.00	.0	60.8- * 55.2-		.0	30.4
.65	.00	.0	64.4- * 57.7-		.0	32.2
.70	.00	.0	67.3- * 58.7-		.0	33.6
.75	.00	.0	72.1- * 61.4-		.0	36.0
.80	.00	.0	78.6- * 64.1-		.0	39.3
.85	.00	.0	85.6- * 65.6-		.0	42.8
.90	.00	.0	101.6- * 71.9-		.0	50.8
.95	.00	.0	129.2- * 77.5-		.0	64.6
1.05	.00	80.4				80.8
1.10	.00	58.8	152.7-		146.1-	58.8
1.15	.00	47.0	133.1-	65.6-	128.2-	47.1
1.20	.00	39.2	118.4-	52.5-	115.7-	39.2
1.25	.00	35.7	108.5-	96.3-	108.5-	35.7
1.30	.00	30.6	104.0-	135.3-	105.5-	30.7
1.35	.00	27.5	100.6-	136.7-	102.5-	27.5
1.40	.00	25.4	98.7-	129.7-	100.8-	25.4
1.50	.00	21.5	96.5-	127.0-	98.5-	21.5
1.60	.00	18.6	95.5-	111.9-	96.2-	18.6
1.70	.00	16.1	92.9-	96.7-	94.3-	16.2
1.80	.00	14.3	92.5-	113.7-	93.7-	14.3
1.90	.00	12.8	92.3-		93.2-	12.8
2.00	.00	11.5				11.5
.60	.05	.7				36.6
.65	.05	1.8	77.0-		.3-	38.4
.70	.05	2.1	83.2-	107.8-	.3-	41.5
.75	.05	3.6	91.6-	144.2-	.9-	45.4
.80	.05	6.3	104.6-	213.1-	1.4-	52.0
.85	.05	9.7	127.9-	407.9-	5.2-	62.1
.90	.05	25.1	170.0-	371.9-	19.0-	79.5
.95	.05	69.6	202.9-	96.1-	24.7-	113.1
1.00	.05	94.8	125.8-		166.2-	96.9
1.05	.05	22.6	174.4-		190.0-	23.9
1.10	.05	29.0	164.6-	312.2-	144.2-	30.7
1.15	.05	29.4	147.1-	37.6-	125.7-	31.2
1.20	.05	28.7	127.3-	12.5-	114.0-	29.4
1.25	.05	27.2	118.1-	117.1-	106.9-	27.7
1.30	.05	25.5	111.7-	109.1-	103.8-	25.9
1.35	.05	23.9	107.4-		101.4-	24.1
1.40	.05	22.4				22.5
.00	.10	.0	65.0-	65.0-	.3-	32.3

.10	.10	.0	64.5-	.1	32.3
.20	.10	.0	65.2-	.1-	32.5
.30	.10	1.1	68.4- * 66.7-	.6-	33.9
.40	.10	1.8	72.3- * 69.7-	.6-	35.9
.50	.10	3.3	78.5- * 74.3-	1.1-	38.8
.60	.10	5.8	86.2- * 80.1-	2.2-	42.3
.65	.10	7.1	90.7- * 82.9-	2.1-	44.8
.70	.10	11.0	98.6- * 88.3-	2.8-	49.1
.75	.10	14.4	108.7- * 95.4-	5.3-	53.6
.80	.10	22.7	120.7- * 104.6-	8.0-	60.7
.85	.10	32.4	142.8- * 127.2-	18.8-	69.9
.90	.10	52.5	172.1- * 165.9-	49.4-	80.8
.95	.10	72.3	120.9- * 149.4-	55.2-	79.4
1.00	.10	68.5	124.0- * 190.6-	147.1-	69.4
1.05	.10	28.4	120.9- * 164.9-	162.2-	35.1
1.10	.10	18.0	131.1- * 162.1-	144.3-	19.2
1.15	.10	19.2	131.8- * 156.6-	127.4-	19.3
1.20	.10	19.7	126.2- * 149.0-	114.9-	20.5
1.25	.10	20.2	119.3- * 140.4-	107.4-	21.1
1.30	.10	20.2	113.5- * 135.0-	103.8-	20.8
1.35	.10	19.4	110.3- * 130.6-	101.0-	19.9
1.40	.10	18.7	107.7- * 127.4-	99.4-	19.1
1.50	.10	16.8	104.1- * 123.6-	97.2-	17.2
1.60	.10	15.1	99.2- * 117.8-	95.2-	15.3
1.70	.10	13.9	96.9- * 113.9-	93.4-	14.0
1.80	.10	12.4	96.1- * 112.1-	93.0-	12.5
1.90	.10	11.5	95.2- * 110.3-	92.6-	11.5
2.00	.10	10.2	94.5- * 108.7-	91.9-	10.3
2.20	.10	8.9	93.0- * 104.8-	90.8-	9.0
2.40	.10	7.3	92.5- * 103.3-	90.6-	7.4
2.60	.10	6.3	93.8- * 103.5-	91.3-	6.5
2.80	.10	5.5	93.9- * 101.8-	91.5-	5.7
3.00	.10	4.8	93.6- * 101.3-	91.2-	5.0
3.20	.10	4.5			4.5
.60	.15	10.6			46.7
.65	.15	14.8	100.9-	6.3-	49.5
.70	.15	18.3	109.7- 116.6-	8.7-	53.7
.75	.15	26.1	117.7- 94.2-	14.0-	58.0
.80	.15	34.6	125.7- 175.2-	19.7-	63.2
.85	.15	44.6	142.2- 167.1-	35.9-	69.3
.90	.15	61.7	146.1- 128.0-	65.9-	73.6
.95	.15	69.0	90.0- 96.5	55.6-	71.1
1.00	.15	55.9	113.7- 479.5-	130.6-	56.5
1.05	.15	34.4	107.8- 36.0-	142.1-	38.5
1.10	.15	18.9	112.9- 193.4-	137.4-	22.5
1.15	.15	15.1	119.8- 211.2-	127.7-	15.6
1.20	.15	15.3	117.5- 126.6-	116.2-	15.3
1.25	.15	16.0	114.1- 150.9-	108.4-	16.3
1.30	.15	15.9	113.2- 161.8-	104.1-	16.5
1.35	.15	15.5	110.7-	101.2-	16.2
1.40	.15	15.4			16.0
.00	.20	.0	80.0- 80.0-	2.3-	38.8

.10	.20	.4	77.6-	76.7-	.4-	38.6
.20	.20	2.0	79.7-	81.3-	1.6-	39.0
.30	.20	3.6	83.8-	87.6-	2.8-	40.6
.40	.20	6.2	88.8-	93.1-	3.6-	43.0
.50	.20	9.8	95.7-	99.2-	5.9-	45.9
.60	.20	16.5	103.3-	92.8-	10.1-	49.4
.65	.20	21.5	107.1-	103.9-	12.2-	52.1
.70	.20	26.8	113.2-	125.8-	16.4-	55.3
.75	.20	33.4	121.0-	104.1-	24.0-	58.9
.80	.20	41.1	122.3-	134.5-	31.0-	61.4
.85	.20	49.9	131.0-	192.3-	50.1-	64.2
.90	.20	57.9	134.3-	310.1	77.8-	64.4
.95	.20	59.5	73.4-	15.8	54.5-	60.2
1.00	.20	49.7	108.0-	515.5-	118.5-	50.0
1.05	.20	34.5	102.8-	75.1-	127.9-	36.7
1.10	.20	22.7	104.2-	128.6-	128.8-	25.9
1.15	.20	15.9	110.7-	153.2-	124.9-	17.5
1.20	.20	13.1	109.6-	116.5-	116.2-	13.6
1.25	.20	13.0	109.2-	138.9-	109.2-	13.0
1.30	.20	13.1	108.0-	151.7-	104.5-	13.2
1.35	.20	12.8	108.1-	165.5-	101.5-	13.2
1.40	.20	12.7	108.0-	141.0-	99.7-	13.3
1.50	.20	12.5	104.2-	108.8-	97.3-	13.0
1.60	.20	12.0	101.3-	109.1-	95.0-	12.4
1.70	.20	11.3	99.3-	115.5-	93.2-	11.8
1.80	.20	10.5	98.3-	115.5-	92.6-	10.9
1.90	.20	9.6	97.5-		92.2-	10.0
2.00	.20	9.0				9.2
.60	.25	21.1				50.8
.65	.25	25.1	112.2-		19.1-	52.9
.70	.25	30.4	116.8-	123.6-	24.5-	55.2
.75	.25	37.5	119.5-	102.3-	33.1-	57.2
.80	.25	43.1	119.6-	137.9-	40.8-	58.4
.85	.25	49.3	123.7-	192.9-	59.6-	58.8
.90	.25	53.5	124.7-	303.5	83.6-	57.3
.95	.25	52.1	67.0-	10.1	53.1-	52.6
1.00	.25	44.5	103.1-	522.4-	110.0-	44.7
1.05	.25	33.2	99.3-	94.2-	117.9-	34.5
1.10	.25	24.5	99.7-	137.0-	121.2-	26.8
1.15	.25	16.8	104.5-	124.0-	120.3-	18.6
1.20	.25	13.2	103.5-	94.0-	114.8-	14.4
1.25	.25	12.1	104.5-	140.0-	109.2-	12.3
1.30	.25	11.5	105.5-	148.2-	104.8-	11.5
1.35	.25	11.2	105.6-		101.8-	11.4
1.40	.25	11.1				11.5
.00	.30	.0	91.6-	91.6-	6.8-	42.4
.10	.30	1.4	88.1-		3.0-	42.5
.20	.30	4.5	91.6-		5.7-	43.1
.30	.30	7.6	94.9-	* 94.5-	7.6-	44.3
.40	.30	11.6	99.1-	* 97.6-	9.7-	46.1
.50	.30	16.5	105.4-	*104.9-	14.5-	48.3
.60	.30	23.7	112.0-	*113.1-	22.5-	50.6

.65	.30	27.7	114.0-	*116.6-	25.7-	52.1
.70	.30	33.2	117.1-	*120.0-	32.7-	53.6
.75	.30	38.5	118.5-	*124.1-	41.3-	54.5
.80	.30	43.0	115.8-	*128.0-	48.5-	54.6
.85	.30	46.9	117.6-	*136.7-	66.4-	53.4
.90	.30	48.7	117.7-	*146.7-	86.8-	51.1
.95	.30	46.0	63.5-	* 98.7-	51.2-	46.5
1.00	.30	40.1	100.1-	*140.2-	103.7-	40.1
1.05	.30	31.5	96.4-	*137.8-	110.5-	32.3
1.10	.30	24.6	97.0-	*133.7-	114.9-	26.2
1.15	.30	18.1	99.7-	*130.7-	115.6-	19.8
1.20	.30	13.9	99.6-	*127.0-	112.6-	15.3
1.25	.30	12.1	100.8-	*123.6-	108.5-	12.7
1.30	.30	10.9	102.3-	*121.8-	104.5-	11.0
1.35	.30	10.2	103.1-	*120.4-	101.9-	10.2
1.40	.30	10.1	103.8-	*121.0-	100.1-	10.2
1.50	.30	9.5	104.3-	*118.8-	97.7-	10.1
1.60	.30	9.3	102.2-	*115.0-	95.3-	9.9
1.70	.30	8.9	100.5-	*112.4-	93.2-	9.6
1.80	.30	8.6	99.2-	*110.0-	92.5-	9.2
1.90	.30	8.1	98.3-	*108.7-	92.1-	8.7
2.00	.30	7.7	97.2-	*107.6-	91.6-	8.2
2.20	.30	7.1	94.6-	*103.9-	90.5-	7.4
2.40	.30	6.3	93.7-	*101.9-	90.2-	6.5
2.60	.30	5.6	94.8-	*102.3-	91.0-	5.9
2.80	.30	4.9	95.0-	*101.7-	91.2-	5.2
3.00	.30	4.4	94.4-	*100.9-	91.0-	4.7
3.20	.30	3.9	93.9-	* 99.7-	91.7-	4.0
3.60	.30	3.5	95.2-	*101.2-	94.1-	3.5
4.00	.30	2.1	96.5-	*103.6-	96.8-	2.1
4.40	.30	2.0	96.0-	*104.8-	100.0-	2.8
4.80	.30	1.4	97.7-	*109.2-	106.0-	4.3
5.20	.30	.7	99.2-	*113.5-	112.9-	6.9
5.60	.30	.1				10.5
5.80	.30	.0	100.0-	*126.0-	124.6-	12.3

.60	.35	25.7				49.6
.65	.35	29.5	115.1-		32.6-	50.7
.70	.35	34.7	115.6-	121.0-	40.0-	51.3
.75	.35	38.1	116.9-	96.7-	48.1-	51.3
.80	.35	41.8	111.0-	133.7-	54.5-	50.5
.85	.35	43.3	116.0-	209.7-	71.0-	48.8
.90	.35	44.1	115.6-	314.8	88.6-	46.1
.95	.35	41.5	60.0-	41.3	49.5-	41.9
1.00	.35	37.0	96.7-	512.4-	99.3-	37.0
1.05	.35	30.3	95.6-	113.5-	105.2-	30.7
1.10	.35	24.8	95.5-	120.2-	109.8-	25.9
1.15	.35	18.6	97.1-	108.8-	111.2-	19.9
1.20	.35	14.9	97.6-	93.2-	110.1-	16.2
1.25	.35	12.2	98.3-	121.9-	107.2-	13.0
1.30	.35	10.8	99.8-	136.6-	103.8-	11.0
1.35	.35	9.8	101.0-		101.7-	9.8
1.40	.35	9.3				9.4

.00	.40	.0	101.6-	101.6-	13.6-	43.9
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.10	.40	2.2	95.4-	94.3-	7.7-	43.9
.20	.40	6.1	100.1-	105.4-	11.9-	44.5
.30	.40	9.8	102.6-	103.7-	14.7-	45.0
.40	.40	15.5	105.2-	108.9-	18.1-	46.2
.50	.40	20.5	109.3-	120.2-	24.2-	47.2
.60	.40	26.5	115.2-	124.0-	34.5-	48.3
.65	.40	30.1	115.3-		39.1-	48.6
.70	.40	34.2	115.2-	113.2-	46.3-	48.5
.75	.40	36.6	114.8-		53.7-	47.7
.80	.40	39.3	108.5-	124.1-	59.3-	46.4
.85	.40	40.4	112.7-		74.3-	44.7
.90	.40	40.5	113.1-	316.7	89.8-	42.1
.95	.40	37.8	57.5-		48.2-	38.1
1.00	.40	34.1	97.6-		96.0-	34.1
1.05	.40	28.6			101.1-	28.8
1.10	.40	23.9	95.4-		105.6-	24.4
1.15	.40	19.2			107.4-	20.2
1.20	.40	15.5	96.1-		107.4-	16.5
1.25	.40	12.3			105.5-	13.2
1.30	.40	10.8	97.3-		103.0-	11.1
1.35	.40	9.6			101.2-	9.6
1.40	.40	8.9	100.7-		99.7-	8.9
1.50	.40	8.1	100.8-	113.8-	97.7-	8.2
1.60	.40	7.3	100.3-	109.0-	95.5-	7.7
1.70	.40	7.5	99.2-	103.6-	93.6-	8.0
1.80	.40	7.3	98.3-	104.3-	92.7-	7.9
1.90	.40	7.1	97.6-		92.1-	7.6
2.00	.40	6.8				7.3
.00	.50	.0	108.0-	108.0-	21.8-	43.0
.10	.50	2.2	99.3-		13.2-	43.0
.20	.50	6.3	105.5-		19.4-	43.4
.30	.50	12.0	107.5-	*107.8-	23.3-	43.8
.40	.50	16.5	109.5-	*110.7-	27.5-	44.2
.50	.50	22.1	110.5-	*113.8-	33.8-	44.2
.60	.50	26.7	114.5-	*121.4-	45.1-	43.8
.70	.50	32.7	111.2-	*121.4-	56.3-	42.6
.80	.50	34.9	104.7-	*121.1-	65.9-	39.9
.90	.50	34.0	111.1-	*135.0-	91.1-	35.4
1.00	.50	29.0	95.2-	*122.7-	91.7-	29.0
1.10	.50	22.1	95.0-	*122.3-	99.7-	22.3
1.20	.50	15.3	94.4-	*117.9-	102.4-	15.8
1.30	.50	11.0	95.1-	*113.9-	100.7-	11.3
1.40	.50	8.7	97.8-	*113.6-	98.7-	8.7
1.50	.50	7.5	98.3-	*117.7-	97.2-	7.5
1.60	.50	6.6	97.9-	*109.2-	95.5-	6.7
1.70	.50	6.4	98.1-	*108.0-	93.9-	6.7
1.80	.50	6.4	97.8-	*106.5-	92.9-	6.8
1.90	.50	6.2	97.0-	*105.6-	92.2-	6.7
2.00	.50	5.9	96.6-	*104.7-	91.7-	6.4
2.20	.50	5.6	95.3-	*102.4-	90.6-	6.1
2.40	.50	5.2	95.0-	*101.5-	90.0-	5.8
2.60	.50	4.5	95.5-	*101.5-	90.8-	5.1
2.80	.50	4.2	95.4-	*100.8-	91.1-	4.7

3.00	.50	3.9	95.2-	*100.9-	91.0-	4.4
3.20	.50	3.7				4.0
.00	.60	.0	111.9-	111.9-	30.1-	40.8
.10	.60	2.5	100.2-	98.5-	18.9-	40.7
.20	.60	7.1	108.6-	118.5-	27.8-	40.9
.30	.60	12.7	110.9-	114.9-	32.5-	41.2
.40	.60	16.6	111.1-	115.6-	36.5-	40.8
.50	.60	21.6	112.5-	123.3-	43.1-	40.9
.60	.60	25.5	112.8-	120.0-	53.9-	39.0
.70	.60	28.8	110.9-	104.6-	63.9-	37.2
.80	.60	29.8	103.7-	137.9-	70.1-	34.2
.90	.60	28.6	110.2-	118.6-	91.8-	30.0
1.00	.60	24.9	96.2-	56.9-	89.4-	25.1
1.10	.60	20.1	95.1-	101.5-	95.8-	20.1
1.20	.60	14.9	93.4-	92.3-	98.7-	15.1
1.30	.60	11.1	93.6-	113.8-	98.4-	11.4
1.40	.60	8.7	96.6-	124.9-	97.5-	8.7
1.50	.60	7.2	97.6-	102.3-	96.6-	7.2
1.60	.60	6.2	96.8-	96.5-	95.3-	6.3
1.70	.60	5.8	97.0-	111.2-	94.1-	6.0
1.80	.60	5.6	97.6-	110.4-	93.1-	6.0
1.90	.60	5.3	97.1-		92.3-	5.8
2.00	.60	5.2				5.7
.00	.70	.0	113.8-	113.8-	38.3-	37.7
.10	.70	2.3	100.2-	98.6-	25.1-	37.6
.20	.70	7.1	110.0-	122.1-	36.4-	37.4
.30	.70	11.9	111.7-	115.3-	41.2-	37.2
.40	.70	15.8	111.0-	115.1-	44.7-	36.7
.50	.70	19.4	111.2-	125.9-	51.2-	35.7
.60	.70	22.7	112.6-	124.4-	61.1-	34.3
.70	.70	25.4	109.8-	101.1-	69.4-	32.4
.80	.70	25.6	103.1-	137.7-	73.4-	29.6
.90	.70	24.6	110.5-	113.5-	92.6-	26.2
1.00	.70	21.7	96.0-	52.4-	88.0-	22.1
1.10	.70	18.1	95.6-	101.7-	93.1-	18.2
1.20	.70	14.1	93.1-	93.5-	95.9-	14.1
1.30	.70	11.1	93.8-	113.7-	96.3-	11.1
1.40	.70	8.7	95.5-	116.3-	96.1-	8.7
1.50	.70	7.1	96.6-	101.0-	95.8-	7.1
1.60	.70	6.0	95.9-	94.9-	94.9-	6.1
1.70	.70	5.5	96.1-	107.0-	94.0-	5.6
1.80	.70	5.0	96.6-	106.1-	93.1-	5.3
1.90	.70	4.9	96.4-	99.8-	92.4-	5.2
2.00	.70	4.7	96.2-	97.4-	91.9-	5.1
2.20	.70	4.4	95.1-	97.4-	90.8-	4.9
2.40	.70	4.4	94.7-	106.3-	90.0-	5.0
2.60	.70	4.0	95.5-	106.5-	90.7-	4.7
2.80	.70	3.8	95.6-	99.6-	91.1-	4.4
3.00	.70	3.6	95.3-	90.5-	91.1-	4.2
3.20	.70	3.6	94.3-	95.6-	91.7-	3.9
3.60	.70	3.0	95.1-	107.7-	93.6-	3.1
4.00	.70	2.1	96.4-	99.3-	96.4-	2.1

4.40	.70	2.0	95.9-	103.3-	99.9-	2.8
4.80	.70	1.5	97.7-	115.3-	105.6-	4.2
5.20	.70	.9	99.0-		112.3-	6.7
5.60	.70	.2				10.1
5.80	.70	.0	100.0-		124.1-	12.0
.00	.80	.0	114.2-	114.2-	45.9-	34.1
.10	.80	2.1	98.4-	96.7-	30.7-	33.8
.20	.80	6.4	110.9-	125.4-	44.6-	33.8
.30	.80	11.2	111.7-	114.4-	49.2-	33.2
.40	.80	14.1	110.7-	113.3-	51.9-	32.6
.50	.80	17.4	109.9-	122.5-	58.1-	31.2
.60	.80	20.2	111.6-	125.0-	67.3-	30.0
.70	.80	21.7	109.2-	101.8-	74.0-	27.9
.80	.80	21.9	102.7-	135.0-	75.9-	25.7
.90	.80	20.9	110.4-	113.1-	93.4-	22.5
1.00	.80	18.7	96.6-	47.0-	87.2-	19.3
1.10	.80	16.1	95.3-	103.4-	91.3-	16.2
1.20	.80	13.0	94.3-	93.9-	93.8-	13.0
1.30	.80	10.5	93.2-	104.3-	94.7-	10.5
1.40	.80	8.6	94.9-	118.1-	94.9-	8.6
1.50	.80	7.0	96.1-	97.5-	94.9-	7.0
1.60	.80	5.9	94.9-	86.5-	94.5-	5.9
1.70	.80	5.3	94.8-	109.6-	93.8-	5.3
1.80	.80	4.8	96.2-	110.8-	93.1-	5.0
1.90	.80	4.5	96.0-		92.5-	4.8
2.00	.80	4.4				4.8
.00	.90	.0	113.1-	113.1-	52.5-	30.2
.10	.90	2.4	96.0-		36.1-	30.0
.20	.90	6.0	110.4-	127.2-	51.9-	29.8
.30	.90	9.9	111.7-		56.3-	29.4
.40	.90	12.7	109.1-	111.0-	58.1-	28.5
.50	.90	15.3	109.6-		64.1-	27.4
.60	.90	17.5	111.3-	123.9-	72.3-	26.2
.70	.90	18.6	108.8-		77.6-	24.3
.80	.90	18.8	101.3-	129.8-	78.1-	22.1
.90	.90	17.9	110.1-		94.1-	19.6
1.00	.90	16.5	96.5-		87.0-	17.2
1.10	.90	14.4			90.2-	14.6
1.20	.90	12.0	94.1-		92.4-	12.1
1.30	.90	10.0			93.4-	10.0
1.40	.90	8.3	94.1-		93.9-	8.3
1.50	.90	6.9			94.1-	7.0
1.60	.90	5.8	94.3-		94.0-	5.8
1.70	.90	5.0			93.5-	5.0
1.80	.90	4.6	95.3-		92.9-	4.7
1.90	.90	4.3			92.5-	4.5
2.00	.90	4.1	95.5-	97.3-	92.0-	4.4
2.20	.90	3.8	94.9-	95.0-	91.0-	4.2
2.40	.90	3.7	94.5-	103.0-	90.2-	4.3
2.60	.90	3.6	95.2-	105.2-	90.8-	4.3
2.80	.90	3.5	95.4-	103.7-	91.2-	4.0
3.00	.90	3.3	95.9-		91.2-	4.0

3.20	.90	3.4				3.6
.00	1.10	.0	109.6-	109.6-	63.8-	22.8
.20	1.10	4.7	108.0-		63.4-	22.8
.40	1.10	9.8	106.3-	*106.8-	68.4-	21.3
.60	1.10	12.7	109.0-	*113.9-	79.9-	19.3
.80	1.10	13.9	101.3-	*107.7-	81.8-	17.0
1.00	1.10	12.5	96.4-	*105.9-	87.1-	13.3
1.20	1.10	9.8	95.2-	*104.3-	90.8-	10.0
1.40	1.10	7.4	94.0-	*102.4-	92.4-	7.4
1.60	1.10	5.5	94.3-	*101.8-	92.9-	5.6
1.80	1.10	4.2	94.1-	* 99.6-	92.6-	4.3
2.00	1.10	3.9	94.7-	* 99.0-	92.0-	4.1
2.20	1.10	3.4	94.4-	* 98.2-	91.1-	3.8
2.40	1.10	3.3	93.9-	* 97.4-	90.5-	3.7
2.60	1.10	3.3	95.1-	* 97.7-	91.0-	3.9
2.80	1.10	3.2	95.3-	* 98.4-	91.3-	3.8
3.00	1.10	3.2	95.2-	* 98.0-	91.4-	3.7
3.20	1.10	3.2	94.2-	* 96.8-	91.8-	3.4
3.60	1.10	2.8	94.9-	* 98.7-	93.3-	2.9
4.00	1.10	2.3	96.1-	*101.5-	96.1-	2.3
4.40	1.10	1.9	95.7-	*102.3-	99.7-	2.8
4.80	1.10	1.6	97.6-	*107.4-	105.2-	4.1
5.20	1.10	.9	98.9-	*111.4-	111.8-	6.5
5.60	1.10	.3				9.6
5.80	1.10	.0	100.0-	*121.4-	123.6-	11.8
.00	1.30	.0	106.5-	106.5-	72.2-	17.1
.20	1.30	3.2	104.8-	105.1-	71.5-	16.9
.40	1.30	6.9	104.7-	112.2-	76.1-	15.8
.60	1.30	9.5	107.3-	110.0-	85.3-	14.5
.80	1.30	10.0	100.4-	93.0-	84.7-	12.7
1.00	1.30	9.5	97.0-	97.3-	87.8-	10.5
1.20	1.30	7.9	95.3-	95.2-	90.2-	8.3
1.40	1.30	6.4	93.7-	93.7-	91.7-	6.5
1.60	1.30	5.1	93.4-	96.2-	92.2-	5.2
1.80	1.30	4.0	93.5-	97.7-	92.3-	4.0
2.00	1.30	3.5	94.1-	98.1-	92.0-	3.6
2.20	1.30	3.2	93.9-	93.5-	91.2-	3.5
2.40	1.30	3.2	93.6-	101.3-	90.7-	3.5
2.60	1.30	3.2	94.9-	106.9-	91.2-	3.7
2.80	1.30	3.1	95.2-	92.9-	91.6-	3.6
3.00	1.30	3.2	94.5-		91.6-	3.5
3.20	1.30	3.0				3.1
.00	1.50	.0	102.4-	102.4-	78.0-	12.2
.20	1.50	2.3	101.3-		77.2-	12.2
.40	1.50	4.7	102.9-	*102.9-	81.7-	11.6
.60	1.50	6.6	106.2-	*108.1-	89.5-	10.6
.80	1.50	7.3	99.2-	*101.2-	87.0-	9.5
1.00	1.50	7.3	96.4-	*101.1-	88.8-	8.2
1.20	1.50	6.5	94.7-	* 99.1-	90.2-	6.9
1.40	1.50	5.5	93.3-	* 97.5-	91.4-	5.6
1.60	1.50	4.6	92.8-	* 96.9-	91.9-	4.7

1.80	1.50	4.0	93.0-	* 95.8-	92.0-	4.0
2.00	1.50	3.4	93.5-	* 96.6-	91.9-	3.5
2.20	1.50	3.0	93.2-	* 96.0-	91.4-	3.1
2.40	1.50	3.1	93.4-	* 96.2-	91.0-	3.3
2.60	1.50	3.1	94.5-	* 97.7-	91.5-	3C5
2.80	1.50	3.1	94.9-	* 96.8-	91.8-	3.5
3.00	1.50	3.1	94.2-	* 96.2-	91.8-	3.3
3.20	1.50	3.0	93.5-	* 95.5-	91.9-	3.1
3.60	1.50	2.6	94.4-	* 97.8-	93.2-	2.7
4.00	1.50	2.4	95.8-	*100.1-	96.1-	2.4
4.40	1.50	2.3	95.6-	*101.9-	99.6-	3.0
4.80	1.50	1.9	97.6-	*107.2-	104.8-	4.0
5.20	1.50	1.2	99.2-	*111.3-	111.2-	6.1
5.60	1.50	.3				9.2
5.80	1.50	.0	100.0-	*120.5-	122.6-	11.3
.00	1.70	.0	99.8-	99.8-	82.0-	8.8
.20	1.70	1.5	98.6-	99.9-	81.1-	8.8
.40	1.70	3.4	101.1-	109.2-	85.6-	8.4
.60	1.70	4.9	104.8-	105.3-	92.6-	7.9
.80	1.70	5.5	98.4-	86.8-	89.0-	7.2
1.00	1.70	5.8	96.1-	90.7-	89.9-	6.5
1.20	1.70	5.5	93.5-	90.4-	90.5-	5.7
1.40	1.70	4.7	92.9-	94.8-	91.3-	4.8
1.60	1.70	4.1	92.7-	95.5-	91.8-	4.2
1.80	1.70	3.8	92.8-	95.8-	91.9-	3.8
2.00	1.70	3.2	93.0-	94.5-	91.8-	3.3
2.20	1.70	2.9	93.0-	95.0-	91.5-	3.0
2.40	1.70	3.0	93.3-	100.1-	91.3-	3.2
2.60	1.70	3.1	94.0-	100.3-	91.7-	3.3
2.80	1.70	2.9	94.2-	93.9-	92.0-	3.1
3.00	1.70	3.0	93.7-		91.9-	3.1
3.20	1.70	2.8				2.9
.00	1.90	.0	97.4-	97.4-	85.1-	6.1
.20	1.90	1.1	96.3-		84.0-	6.2
.40	1.90	2.8	99.2-	108.1-	88.6-	6.0
.60	1.90	3.6	103.5-		94.9-	5.6
.80	1.90	4.3	97.0-	76.8-	90.7-	5.3
1.00	1.90	4.6			90.9-	5.1
1.20	1.90	4.4	93.3-		91.0-	4.5
1.40	1.90	4.1			91.5-	4.2
1.60	1.90	3.9	92.8-		91.9-	3.9
1.80	1.90	3.5			91.9-	3.5
2.00	1.90	3.2	92.7-		91.8-	3.3
2.20	1.90	3.0			91.7-	3.0
2.40	1.90	3.0	93.1-		91.6-	3.0
2.60	1.90	3.0			91.9-	3.1
2.80	1.90	2.9	93.7-		92.1-	3.0
3.00	1.90	3.0			92.1-	3.0
3.20	1.90	3.0	92.8-	92.5-	92.2-	3.0
3.60	1.90	2.9	93.9-	103.2-	93.3-	2.9
4.00	1.90	2.7	95.8-	100.8-	96.1-	2.7
4.40	1.90	2.5	95.9-	102.5-	99.6-	3.1

4.80	1.90	2.2	97.7-	112.1-	104.4-	4.0
5.20	1.90	1.4	99.0-		110.4-	5.8
5.60	1.90	.3				8.7
5.80	1.90	.0	100.0-		121.3-	10.6
.00	2.30	.0	93.9-	93.9-	88.9-	2.4
.40	2.30	1.2	95.9-	98.0-	92.3-	2.1
.80	2.30	2.4	96.0-	95.9-	93.4-	2.7
1.20	2.30	3.2	93.3-	91.3-	92.3-	3.2
1.60	2.30	3.1	92.7-	92.6-	92.5-	3.1
2.00	2.30	3.1	92.2-	92.5-	92.1-	3.1
2.40	2.30	3.0	92.5-	94.8-	92.1-	3.0
2.80	2.30	3.2	93.1-	93.0-	92.7-	3.2
3.20	2.30	3.3	93.0-	93.2-	92.7-	3.3
3.60	2.30	3.5	93.8-	99.5-	93.6-	3.5
4.00	2.30	3.3	95.4-	99.2-	96.2-	3.4
4.40	2.30	3.0	95.9-	102.7-	99.6-	3.5
4.80	2.30	2.6	97.8-	112.9-	104.1-	4.0
5.20	2.30	1.8	99.2-		109.5-	5.4
5.60	2.30	.5				8.3
5.80	2.30	.0	100.0-		119.3-	9.6
.00	2.70	.0	92.0-	92.0-	90.8-	.5
.40	2.70	.8	94.9-	96.8-	94.2-	.8
.80	2.70	1.8	95.3-	94.3-	95.3-	1.8
1.20	2.70	2.4	93.0-	90.3-	93.7-	2.4
1.60	2.70	2.8	92.4-	91.1-	93.4-	2.8
2.00	2.70	3.0	91.8-	91.4-	92.8-	3.0
2.40	2.70	3.1	92.1-	95.0-	92.8-	3.1
2.80	2.70	3.4	92.9-	93.7-	93.4-	3.4
3.20	2.70	3.7	92.8-	93.7-	93.3-	3.7
3.60	2.70	4.0	93.8-	99.3-	94.1-	4.0
4.00	2.70	4.0	95.0-	100.3-	96.4-	4.1
4.40	2.70	3.7	96.0-	104.2-	99.4-	4.1
4.80	2.70	3.0	97.8-	110.7-	103.6-	4.2
5.20	2.70	2.2	99.2-		108.6-	5.2
5.60	2.70	.6				7.5
5.80	2.70	.0	100.0-		117.2-	8.6
.00	3.10	.0	91.7-	91.7-	92.5-	.4
.40	3.10	.7	95.4-	97.3-	95.9-	.8
.80	3.10	1.4	95.3-	93.4-	96.9-	1.7
1.20	3.10	2.1	92.9-	89.5-	95.0-	2.3
1.60	3.10	2.6	92.4-	91.4-	94.4-	2.8
2.00	3.10	2.9	92.0-	92.3-	93.6-	3.0
2.40	3.10	3.2	92.4-	94.4-	93.6-	3.3
2.80	3.10	3.6	93.0-	93.4-	94.2-	3.7
3.20	3.10	4.0	93.0-	93.5-	94.2-	4.0
3.60	3.10	4.5	93.8-	98.9-	94.8-	4.5
4.00	3.10	4.4	95.0-	100.0-	96.8-	4.5
4.40	3.10	4.3	95.8-	104.4-	99.3-	4.7
4.80	3.10	3.6	97.8-	108.1-	103.1-	4.5
5.20	3.10	2.6	99.0-		107.5-	4.9
5.60	3.10	.9				6.6

5.80 3.10	.0	100.0-		115.1-	7.5
.00 3.50	.0	92.1-	92.1-	93.8-	.8
.40 3.50	.5	94.7-	* 94.7-	97.3-	1.3
.80 3.50	1.3	96.4-	* 96.5-	98.3-	1.6
1.20 3.50	1.8	93.8-	* 93.8-	96.2-	2.1
1.60 3.50	2.5	93.1-	* 93.1-	95.5-	2.7
2.00 3.50	2.8	92.3-	* 92.4-	94.6-	3.0
2.40 3.50	3.4	93.0-	* 93.3-	94.6-	3.5
2.80 3.50	4.0	94.0-	* 94.5-	95.2-	4.0
3.20 3.50	4.4	93.9-	* 94.6-	95.1-	4.4
3.60 3.50	4.8	94.6-	* 95.9-	95.6-	4.8
4.00 3.50	5.0	95.3-	* 98.2-	97.2-	5.1
4.40 3.50	4.9	96.0-	*100.3-	99.5-	5.2
4.80 3.50	4.5	98.0-	*104.1-	102.5-	5.0
5.20 3.50	2.9	99.2-	*108.0-	106.1-	4.5
5.60 3.50	1.2				5.3
5.80 3.50	.0	100.0-	*112.7-	111.4-	5.7
.00 3.90	.0	92.2-	92.2-	94.6-	1.2
.40 3.90	.3	95.4-	98.4-	98.3-	1.5
.80 3.90	1.3	98.1-	97.9-	99.7-	1.5
1.20 3.90	1.8	95.1-	89.9-	97.4-	2.1
1.60 3.90	2.4	94.5-	92.9-	96.7-	2.6
2.00 3.90	2.9	93.9-	94.4-	95.8-	3.0
2.40 3.90	3.7	94.7-	97.8-	95.9-	3.7
2.80 3.90	4.2	95.0-	96.1-	96.2-	4.2
3.20 3.90	4.6	95.2-	96.3-	96.1-	4.6
3.60 3.90	5.0	95.6-	98.5-	96.5-	5.1
4.00 3.90	5.4	96.1-	97.9-	97.9-	5.5
4.40 3.90	5.4	96.3-	105.6-	99.6-	5.6
4.80 3.90	4.6	98.3-	115.9-	101.9-	5.0
5.20 3.90	3.5	99.2-		104.7-	4.4
5.60 3.90	1.2				3.9
5.80 3.90	.0	100.0-		107.8-	3.9
.00 4.30	.0	93.8-	93.8-	95.3-	.7
.40 4.30	.4	98.3-	101.4-	99.3-	.6
.80 4.30	1.1	100.1-	100.2-	101.0-	1.2
1.20 4.30	1.7	97.7-	95.2-	98.6-	1.7
1.60 4.30	2.1	97.4-	98.6-	97.8-	2.1
2.00 4.30	2.7	96.9-	98.0-	97.0-	2.7
2.40 4.30	3.5	97.0-	100.0-	97.1-	3.5
2.80 4.30	4.1	97.3-	99.5-	97.3-	4.1
3.20 4.30	4.7	97.0-	97.8-	97.2-	4.7
3.60 4.30	5.2	97.1-	101.1-	97.4-	5.2
4.00 4.30	5.3	97.6-	101.7-	98.5-	5.3
4.40 4.30	5.4	97.6-	109.2-	99.7-	5.5
4.80 4.30	4.5	99.1-	113.5-	101.4-	4.6
5.20 4.30	3.6	99.8-		103.4-	4.0
5.60 4.30	1.4				2.7
5.80 4.30	.0	100.0-		104.9-	2.4
.00 4.70	.0	97.6-	97.6-	96.1-	.7

.40	4.70	.3	102.5-	105.9-	100.2-	1.2
.80	4.70	.6	104.1-	104.1-	102.0-	1.2
1.20	4.70	.8	101.7-	99.2-	99.3-	1.4
1.60	4.70	1.0	101.1-	103.1-	98.8-	1.5
2.00	4.70	2.1	101.3-	104.4-	98.5-	2.6
2.40	4.70	3.1	100.8-	103.1-	98.4-	3.3
2.80	4.70	3.6	100.2-	102.5-	98.4-	3.7
3.20	4.70	4.1	99.7-	103.0-	98.3-	4.2
3.60	4.70	4.7	99.2-	103.7-	98.4-	4.8
4.00	4.70	5.1	99.1-	104.7-	99.1-	5.1
4.40	4.70	4.7	98.9-	109.7-	99.8-	4.8
4.80	4.70	4.4	99.5-	111.6-	101.1-	4.5
5.20	4.70	3.3	99.9-		102.1-	3.5
5.60	4.70	1.2				1.6
5.80	4.70	.0	100.0-		102.8-	1.4
.00	5.10	.0	104.1-	104.1-	96.6-	3.7
.40	5.10	.1	108.6-	112.0-	100.7-	3.9
.80	5.10	.3	110.6-	110.5-	102.4-	4.1
1.20	5.10	.4	107.9-	105.1-	99.7-	4.0
1.60	5.10	.7	107.9-	108.7-	99.6-	4.2
2.00	5.10	1.2	107.2-	107.9-	99.6-	3.9
2.40	5.10	1.7	106.0-	108.3-	99.5-	3.6
2.80	5.10	2.3	104.8-	109.7-	99.4-	3.5
3.20	5.10	2.9	103.8-	112.2-	99.4-	3.6
3.60	5.10	3.6	102.8-	117.4-	99.4-	3.9
4.00	5.10	3.9	102.2-	118.2-	99.6-	4.1
4.40	5.10	3.8	100.8-	115.9-	99.9-	3.9
4.80	5.10	3.4	100.2-	121.8-	100.4-	3.5
5.20	5.10	1.8	100.0-		100.7-	1.8
5.60	5.10	.7				.7
5.80	5.10	.0	100.0-		100.4-	.2
.00	5.50	.0	124.2-	124.2-	100.0-	13.7
.40	5.50	.0	127.3-		100.0-	13.6
.80	5.50	.0	127.1-		100.0-	13.5
1.20	5.50	.0	126.9-		100.0-	13.4
1.60	5.50	.0	125.4-		100.0-	12.7
2.00	5.50	.0	124.8-		100.0-	12.4
2.40	5.50	.0	122.8-		100.0-	11.4
2.80	5.50	.0	119.7-		100.0-	9.8
3.20	5.50	.0	115.2-		100.0-	7.6
3.60	5.50	.0	111.4-		100.0-	5.7
4.00	5.50	.0	107.0-		100.0-	3.5
4.40	5.50	.0	104.2-		100.0-	2.1
4.80	5.50	.0	101.3-		100.0-	.6
5.20	5.50	.0	100.0-		100.0-	.0
5.60	5.50	.0	100.0-		100.0-	.0
5.80	5.50	.0	100.0-		100.0-	.0
1.00	.05-	.0	.0		177.7-	88.8
1.05	.05-	73.0	41.9-	530.2-	191.0-	104.3
1.10	.05-	72.0	95.1-	177.8-	158.1-	78.6
1.15	.05-	57.7	102.2-	193.7-	137.6-	60.4

1.20	.05-	47.8	99.0-	109.3-	121.1-	49.1
1.25	.05-	40.6	95.5-	123.4-	112.2-	41.5
1.30	.05-	35.8	95.5-	146.3-	108.7-	36.4
1.35	.05-	31.8	93.3-		104.6-	32.3
1.40	.05-	28.3				28.7

1.00	.10-	.0	.0	*135.8-	132.1-	66.0
1.05	.10-	31.7	3.8-	*145.4-	157.9-	83.3
1.10	.10-	51.4	44.6-	*163.8-	154.9-	75.4
1.15	.10-	51.1	65.3-	*158.9-	143.5-	64.3
1.20	.10-	46.8	74.5-	*151.0-	126.5-	53.5
1.25	.10-	41.4	78.6-	*142.9-	116.3-	45.5
1.30	.10-	36.7	82.0-	*137.1-	111.6-	39.5
1.35	.10-	32.9	85.0-	*133.8-	107.2-	34.7
1.40	.10-	29.7	85.8-	*129.9-	104.4-	31.1
1.50	.10-	24.1	87.1-	*125.4-	101.0-	25.0
1.60	.10-	20.8	87.6-	*119.7-	98.0-	21.5
1.70	.10-	17.4	88.3-	*116.3-	95.7-	17.8
1.80	.10-	15.4	88.1-	*112.1-	94.6-	15.7
1.90	.10-	13.6	88.4-	*110.6-	94.0-	13.9
2.00	.10-	12.3	89.1-	*109.4-	93.0-	12.5
2.20	.10-	10.0	90.0-	*107.0-	91.7-	10.1
2.40	.10-	8.2	90.5-	*104.2-	91.4-	8.2
2.60	.10-	6.8	91.9-	*103.9-	91.9-	6.8
2.80	.10-	5.7	92.6-	*102.6-	92.0-	5.7
3.00	.10-	4.9	92.6-	*102.0-	91.6-	4.9
3.20	.10-	4.1	92.7-	*101.2-	92.1-	4.1
3.60	.10-	3.4	94.3-	*101.8-	94.6-	3.4
4.00	.10-	2.4	95.9-	*103.5-	97.3-	2.5
4.40	.10-	2.0	95.6-	*105.0-	100.2-	3.0
4.80	.10-	1.5	97.7-	*109.2-	106.6-	4.7
5.20	.10-	.7	98.8-	*113.0-	113.5-	7.3
5.60	.10-	.3				10.8
5.80	.10-	.0	100.0-	*122.2-	125.6-	12.8

1.00	.15-	.0	.0		117.1-	58.5
1.05	.15-	15.0	.2	15.6	136.2-	69.8
1.10	.15-	32.4	20.6-	198.6-	140.7-	68.2
1.15	.15-	39.0	45.9-	198.3-	140.4-	61.3
1.20	.15-	40.3	55.7-	88.2-	127.3-	53.9
1.25	.15-	38.1	64.0-	162.0-	118.6-	46.8
1.30	.15-	35.5	71.4-	183.9-	113.9-	41.4
1.35	.15-	32.6	76.8-		109.2-	36.4
1.40	.15-	29.5				32.8

1.00	.20-	.0	.0		108.9-	54.4
1.05	.20-	9.6	1.0-	39.3-	122.4-	61.4
1.10	.20-	21.4	12.7-	195.3-	128.1-	61.5
1.15	.20-	29.2	34.9-	127.8-	133.9-	57.5
1.20	.20-	31.3	40.3-	71.3-	124.8-	52.6
1.25	.20-	33.6	52.6-	187.1-	118.0-	46.9
1.30	.20-	32.5	61.2-	149.1-	114.7-	42.1
1.35	.20-	30.4	67.4-	143.7-	110.6-	37.3
1.40	.20-	28.4	71.6-	139.9-	107.9-	33.7

1.50	.20-	24.1	78.4-	126.9-	103.6-	27.2
1.60	.20-	20.9	80.6-	110.1-	100.0-	23.1
1.70	.20-	17.8	83.0-	111.7-	97.4-	19.2
1.80	.20-	15.6	83.9-	97.5-	95.7-	16.6
1.90	.20-	13.9	84.6-		94.8-	14.8
2.00	.20-	12.6				13.1

1.00	.25-	.0	.0		103.3-	51.6
1.05	.25-	5.8	.9-	48.3-	113.0-	56.3
1.10	.25-	15.1	10.4-	179.5-	118.8-	56.2
1.15	.25-	19.6	27.7-	123.5-	127.7-	53.7
1.20	.25-	25.1	33.2-	74.9-	120.4-	50.3
1.25	.25-	27.9	43.0-	128.8-	115.7-	45.8
1.30	.25-	27.6	51.3-	152.8-	114.4-	41.9
1.35	.25-	27.8	59.8-		111.1-	37.8
1.40	.25-	25.8				34.2

1.00	.30-	.0	.0	*144.5-	99.0-	49.5
1.05	.30-	3.6	1.8-	*138.9-	106.6-	52.5
1.10	.30-	10.0	9.0-	*136.9-	112.2-	52.5
1.15	.30-	14.8	25.0-	*143.2-	122.1-	50.7
1.20	.30-	19.5	27.6-	*134.8-	115.3-	47.9
1.25	.30-	22.3	35.5-	*132.2-	113.0-	44.7
1.30	.30-	23.6	45.4-	*130.4-	112.9-	41.2
1.35	.30-	24.0	53.2-	*129.8-	110.5-	37.4
1.40	.30-	23.5	58.2-	*128.2-	108.8-	34.5
1.50	.30-	21.5	68.7-	*126.3-	104.9-	28.1
1.60	.30-	19.8	74.6-	*121.9-	101.4-	23.9
1.70	.30-	17.4	77.4-	*116.9-	98.9-	20.5
1.80	.30-	15.3	80.1-	*114.0-	96.8-	17.4
1.90	.30-	13.3	81.3-	*111.2-	95.6-	15.1
2.00	.30-	12.4	82.8-	*109.6-	94.4-	13.6
2.20	.30-	10.3	86.2-	*107.6-	92.9-	10.8
2.40	.30-	8.4	88.2-	*105.5-	92.4-	8.7
2.60	.30-	7.0	90.2-	*105.2-	92.7-	7.1
2.80	.30-	5.6	91.2-	*103.7-	92.6-	5.6
3.00	.30-	4.8	91.4-	*102.9-	92.0-	4.8
3.20	.30-	4.1				4.1

1.00	.35-	.0	.0		96.5-	48.2
1.05	.35-	1.7	2.1-	61.6-	102.0-	50.0
1.10	.35-	7.7	8.8-	208.7-	106.7-	49.5
1.15	.35-	11.4	24.3-	117.5-	117.3-	47.8
1.20	.35-	15.0	23.8-	16.0-	111.0-	46.1
1.25	.35-	18.2	31.6-	148.9-	109.9-	43.1
1.30	.35-	20.1	41.0-	155.3-	110.9-	40.3
1.35	.35-	21.1	48.1-		109.5-	37.3
1.40	.35-	20.7				34.1

1.00	.40-	.0	.0		94.4-	47.2
1.05	.40-	.5				48.1
1.10	.40-	5.9	8.2-		102.1-	47.3
1.15	.40-	7.9	23.5-		113.7-	45.7
1.20	.40-	11.5	21.8-		107.1-	44.1

1.25	.40-	14.5	28.6-		106.8-	41.7
1.30	.40-	15.9	37.0-		108.5-	39.1
1.35	.40-	18.3	44.4-		108.1-	36.7
1.40	.40-	18.6	50.6-	154.0-	107.1-	33.8
1.50	.40-	18.2	61.4-	127.7-	104.8-	28.3
1.60	.40-	17.0	66.5-	105.6-	101.8-	24.5
1.70	.40-	15.7	71.3-	129.8-	99.7-	21.2
1.80	.40-	14.6	76.8-	124.2-	97.8-	18.0
1.90	.40-	12.7	78.8-		96.3-	15.4
2.00	.40-	11.8				14.0

1.00	.50-	.0	.0	*158.4-	91.5-	45.7
1.10	.50-	3.1	7.4-	*142.6-	96.4-	44.5
1.20	.50-	7.1	20.1-	*135.8-	101.0-	41.1
1.30	.50-	11.5	32.9-	*130.9-	103.8-	37.2
1.40	.50-	13.8	44.9-	*128.5-	104.4-	32.8
1.50	.50-	14.5	55.9-	*127.2-	103.9-	28.0
1.60	.50-	14.8	62.1-	*122.9-	101.6-	24.7
1.70	.50-	14.0	67.8-	*118.9-	99.8-	21.2
1.80	.50-	13.1	71.8-	*115.9-	98.4-	18.6
1.90	.50-	11.4	75.5-	*114.2-	96.9-	15.6
2.00	.50-	10.9	77.6-	*111.6-	95.4-	14.1
2.20	.50-	9.5	81.8-	*108.3-	93.8-	11.3
2.40	.50-	7.9	84.9-	*106.3-	93.3-	8.9
2.60	.50-	6.6	87.6-	*105.1-	93.5-	7.3
2.80	.50-	5.3	89.3-	*104.1-	93.3-	5.7
3.00	.50-	4.4	89.9-	*103.2-	92.5-	4.6
3.20	.50-	3.8	90.9-	*102.8-	92.8-	3.9
3.60	.50-	3.2	92.9-	*102.5-	95.0-	3.4
4.00	.50-	2.5	95.2-	*104.1-	97.7-	2.7
4.40	.50-	2.0	95.0-	*104.3-	100.5-	3.4
4.80	.50-	1.4	97.6-	*109.8-	107.1-	4.9
5.20	.50-	.7	99.1-	*114.2-	114.0-	7.4
5.60	.50-	.3				11.1
5.80	.50-	.0	100.0-	*125.1-	126.8-	13.4

1.00	.60-	.0	.0		91.5-	45.7
1.10	.60-	1.1	9.1-	106.2-	93.4-	42.1
1.20	.60-	4.7	20.0-	124.6-	96.9-	38.7
1.30	.60-	7.9	31.1-	136.7-	100.0-	35.3
1.40	.60-	10.2	42.1-	146.0-	102.0-	31.6
1.50	.60-	11.0	52.6-	126.2-	102.3-	27.2
1.60	.60-	11.5	58.0-	102.5-	100.8-	24.2
1.70	.60-	11.4	63.7-	113.8-	99.7-	21.2
1.80	.60-	11.1	68.5-	121.9-	98.7-	18.7
1.90	.60-	10.3	73.1-		97.2-	15.8
2.00	.60-	9.9				14.3

1.00	.70-	.0	.0		91.6-	45.8
1.10	.70-	.7	9.4-	113.1-	91.4-	40.9
1.20	.70-	2.5	19.6-	124.2-	93.5-	37.0
1.30	.70-	5.6	30.1-	139.9-	97.0-	33.9
1.40	.70-	7.1	40.8-	146.1-	99.9-	30.4
1.50	.70-	8.4	50.2-	129.2-	100.8-	26.6

1.60	.70-	9.3	55.6-	108.9-	99.8-	23.9
1.70	.70-	9.4	61.2-	125.1-	99.0-	21.1
1.80	.70-	9.6	66.8-	124.2-	98.4-	18.5
1.90	.70-	9.1	70.7-	97.9-	97.2-	16.0
2.00	.70-	8.4	72.3-	101.7-	95.7-	14.4
2.20	.70-	8.1	77.4-	114.5-	94.2-	11.6
2.40	.70-	6.9	82.3-	117.1-	93.9-	9.0
2.60	.70-	5.9	85.3-	111.5-	94.2-	7.4
2.80	.70-	4.7	87.9-	103.9-	93.9-	5.6
3.00	.70-	4.1	88.8-		92.9-	4.6
3.20	.70-	3.5				3.8
1.00	.80-	.0	.0		92.2-	46.1
1.10	.80-	.4	10.4-	116.0-	90.3-	39.9
1.20	.80-	1.4	19.9-	126.3-	91.3-	35.7
1.30	.80-	3.6	29.6-	138.1-	94.6-	32.7
1.40	.80-	5.0	40.3-	154.2-	98.1-	29.3
1.50	.80-	6.7	49.0-	125.4-	99.2-	25.9
1.60	.80-	7.2	54.3-	110.0-	98.7-	23.3
1.70	.80-	7.7	59.8-	124.6-	98.3-	20.7
1.80	.80-	8.0	65.2-	117.7-	98.0-	18.2
1.90	.80-	7.6	68.6-		97.2-	16.2
2.00	.80-	7.6				14.3
1.00	.90-	.0	.0		92.7-	46.3
1.10	.90-	.0	10.9-	121.1-	89.7-	39.4
1.20	.90-	1.2	20.4-	126.4-	90.0-	34.8
1.30	.90-	1.8	29.7-	140.0-	92.8-	31.6
1.40	.90-	3.9	39.6-	149.0-	96.3-	28.5
1.50	.90-	4.6	48.1-	128.8-	97.9-	25.3
1.60	.90-	5.5	53.3-	109.9-	97.7-	22.8
1.70	.90-	6.1	58.3-	127.5-	97.3-	20.4
1.80	.90-	6.7	64.3-	126.0-	97.6-	17.9
1.90	.90-	6.4	67.9-	101.5-	97.0-	15.9
2.00	.90-	6.1	70.0-	99.7-	95.4-	14.1
2.20	.90-	6.3	74.3-	109.4-	94.0-	11.7
2.40	.90-	5.7	80.0-	117.9-	94.2-	9.1
2.60	.90-	5.1	83.3-	115.7-	94.7-	7.6
2.80	.90-	4.1	87.3-	106.6-	94.4-	5.5
3.00	.90-	3.5	87.8-	92.4-	93.2-	4.4
3.20	.90-	3.1	89.2-	99.5-	93.3-	3.7
3.60	.90-	2.6	91.6-	108.2-	95.3-	3.1
4.00	.90-	2.0	94.3-	103.6-	98.0-	2.7
4.40	.90-	1.5	94.6-	106.1-	100.9-	3.5
4.80	.90-	1.2	97.2-	120.7-	107.5-	5.2
5.20	.90-	.8	99.0-		114.4-	7.7
5.60	.90-	.4				11.5
5.80	.90-	.0	100.0-		128.2-	14.1
1.00	1.10-	.0	.0		93.3-	46.6
1.10	1.10-	.0	11.4-	128.0-	89.0-	38.8
1.20	1.10-	.2	21.1-	132.2-	88.4-	33.6
1.30	1.10-	1.0	30.5-	143.5-	90.5-	30.0
1.40	1.10-	1.6	39.5-	145.4-	93.8-	27.2

1.50	1.10-	2.5	47.6-	126.4-	95.9-	24.2
1.60	1.10-	3.0	51.9-	107.6-	95.7-	22.1
1.70	1.10-	3.7	56.6-	124.6-	95.5-	19.8
1.80	1.10-	4.2	62.2-	136.2-	96.3-	17.5
1.90	1.10-	4.7	67.1-	105.4-	96.5-	15.4
2.00	1.10-	4.4	68.2-	101.8-	94.9-	14.0
2.20	1.10-	4.4	72.5-	109.7-	93.6-	11.4
2.40	1.10-	4.1	78.5-	117.7-	94.3-	8.9
2.60	1.10-	3.7	81.9-	111.9-	95.0-	7.5
2.80	1.10-	3.1	85.6-	106.1-	94.8-	5.5
3.00	1.10-	2.8	86.7-		93.4-	4.3
3.20	1.10-	2.6				3.6
1.00	1.30-	.0	.0	*177.5-	94.1-	47.0
1.10	1.30-	.0	12.5-	*161.7-	89.0-	38.2
1.20	1.30-	.0	21.6-	*148.0-	87.8-	33.1
1.30	1.30-	.0	31.1-	*139.2-	89.7-	29.3
1.40	1.30-	.0	40.1-	*134.0-	92.6-	26.2
1.50	1.30-	.8	47.7-	*129.7-	94.2-	23.2
1.60	1.30-	1.4	52.2-	*124.7-	94.4-	21.1
1.70	1.30-	1.5	56.0-	*121.0-	94.3-	19.1
1.80	1.30-	2.1	61.1-	*118.2-	94.9-	17.0
1.90	1.30-	2.5	65.6-	*117.4-	95.8-	15.3
2.00	1.30-	2.6	66.9-	*113.7-	94.3-	13.9
2.20	1.30-	2.8	71.3-	*110.4-	93.3-	11.3
2.40	1.30-	2.8	77.5-	*108.9-	94.3-	8.8
2.60	1.30-	2.7	81.4-	*107.8-	95.2-	7.4
2.80	1.30-	2.2	84.2-	*106.4-	95.0-	5.8
3.00	1.30-	1.9	85.9-	*105.2-	93.4-	4.2
3.20	1.30-	1.9	87.6-	*105.4-	93.5-	3.5
3.60	1.30-	1.8	90.1-	*104.0-	95.4-	3.2
4.00	1.30-	1.3	93.4-	*106.0-	98.3-	2.7
4.40	1.30-	1.1	93.8-	*105.9-	101.0-	3.8
4.80	1.30-	.9	97.1-	*111.5-	107.7-	5.3
5.20	1.30-	.6	98.8-	*115.8-	114.7-	7.9
5.60	1.30-	.4				11.8
5.80	1.30-	.0	100.0-	*127.8-	128.8-	14.4
1.00	1.50-	.0	.0		95.0-	47.5
1.10	1.50-	.0	12.8-	137.4-	88.9-	38.0
1.20	1.50-	.0	22.6-	140.4-	88.0-	32.6
1.30	1.50-	.0	32.4-	149.6-	89.9-	28.7
1.40	1.50-	.0	40.9-	146.3-	92.1-	25.6
1.50	1.50-	.0	47.9-	132.5-	93.3-	22.6
1.60	1.50-	.0	52.7-	115.5-	93.7-	20.5
1.70	1.50-	.6	56.6-	122.6-	93.4-	18.4
1.80	1.50-	.9	61.2-	126.9-	94.0-	16.4
1.90	1.50-	1.0	65.0-	101.7-	95.2-	15.1
2.00	1.50-	1.2	66.3-	101.1-	93.8-	13.7
2.20	1.50-	1.5	70.8-	115.6-	93.0-	11.1
2.40	1.50-	1.5	77.0-	123.0-	94.1-	8.6
2.60	1.50-	1.6	80.8-	108.7-	95.1-	7.3
2.80	1.50-	1.6	83.3-		95.1-	6.1
3.00	1.50-	1.2				4.4

3.20 1.50-	1.1				3.5
1.00 1.70-	.0	.0		96.2-	48.1
1.10 1.70-	.0	12.2-	138.8-	88.9-	38.3
1.20 1.70-	.0	23.0-	147.9-	88.2-	32.5
1.30 1.70-	.4-	33.3-	150.8-	90.3-	28.5
1.40 1.70-	.8-	41.4-	144.1-	92.2-	25.4
1.50 1.70-	.3-	48.4-	131.8-	93.2-	22.3
1.60 1.70-	.2-	53.0-	116.3-	93.3-	20.1
1.70 1.70-	.0	56.8-	121.9-	92.7-	17.9
1.80 1.70-	.0	61.4-	132.2-	93.8-	16.2
1.90 1.70-	.0	65.3-	105.6-	95.0-	14.8
2.00 1.70-	.0	66.5-	105.4-	93.5-	13.5
2.20 1.70-	.3	70.6-	117.5-	92.7-	11.0
2.40 1.70-	.5	76.9-	123.3-	93.9-	8.4
2.60 1.70-	.6	80.0-	105.4-	94.9-	7.4
2.80 1.70-	.8	82.5-	103.3-	95.1-	6.3
3.00 1.70-	.5	84.4-	99.8-	93.4-	4.5
3.20 1.70-	.6	85.9-	102.3-	93.5-	3.8
3.60 1.70-	.7	88.9-	109.4-	95.5-	3.3
4.00 1.70-	.5	92.7-	104.5-	98.4-	2.9
4.40 1.70-	.4	93.1-	104.4-	101.1-	4.0
4.80 1.70-	.4	96.3-	122.3-	107.8-	5.7
5.20 1.70-	.5	98.6-		114.8-	8.1
5.60 1.70-	.4				12.0
5.80 1.70-	.0	100.0-		128.9-	14.4
1.00 1.90-	.0	.0		98.4-	49.2
1.10 1.90-	.0	12.1-	143.0-	89.2-	38.5
1.20 1.90-	.5-	23.7-	153.9-	88.8-	32.5
1.30 1.90-	.6-	34.4-	152.6-	91.1-	28.3
1.40 1.90-	.8-	42.2-	139.9-	92.3-	25.0
1.50 1.90-	1.0-	48.5-	128.4-	92.9-	22.2
1.60 1.90-	1.0-	53.3-	116.8-	93.1-	19.8
1.70 1.90-	.7-	57.0-	124.9-	92.4-	17.7
1.80 1.90-	.2-	61.9-	136.5-	93.8-	15.9
1.90 1.90-	.6-	65.8-	107.0-	95.1-	14.6
2.00 1.90-	.2-	67.0-	104.5-	93.5-	13.2
2.20 1.90-	.3-	70.6-	112.6-	92.5-	10.9
2.40 1.90-	.1-	76.1-	122.2-	93.6-	8.7
2.60 1.90-	.0	79.7-	112.0-	94.7-	7.4
2.80 1.90-	.2	82.3-	101.5-	95.1-	6.3
3.00 1.90-	.0	83.8-		93.5-	4.8
3.20 1.90-	.0				4.1
1.00 2.10-	.0	.0	*186.8-	100.3-	50.1
1.10 2.10-	.0	12.7-	*170.1-	90.0-	38.6
1.20 2.10-	1.1-	25.7-	*159.1-	89.8-	32.0
1.30 2.10-	.9-	35.7-	*148.7-	91.4-	27.8
1.40 2.10-	1.1-	43.9-	*141.7-	92.9-	24.5
1.50 2.10-	1.3-	49.9-	*135.0-	93.3-	21.7
1.60 2.10-	1.3-	54.0-	*129.2-	93.0-	19.5
1.70 2.10-	1.2-	57.2-	*123.6-	91.9-	17.4
1.80 2.10-	1.0-	62.8-	*122.2-	93.9-	15.5

1.90	2.10-	1.4-	66.5-	*119.4-	95.1-	14.4
2.00	2.10-	1.1-	67.7-	*116.0-	93.6-	12.9
2.20	2.10-	1.1-	71.0-	*111.4-	92.5-	10.8
2.40	2.10-	.8-	75.7-	*109.2-	93.5-	8.9
2.60	2.10-	.6-	79.3-	*107.2-	94.6-	7.6
2.80	2.10-	.4-	82.6-	*106.0-	95.1-	6.2
3.00	2.10-	.6-	83.0-	*104.1-	93.7-	5.3
3.20	2.10-	.6-	84.6-	*103.5-	93.5-	4.4
3.60	2.10-	.4-	87.8-	*102.8-	95.4-	3.8
4.00	2.10-	.4-	92.1-	*105.5-	98.5-	3.2
4.40	2.10-	.3-	92.6-	*105.2-	101.1-	4.2
4.80	2.10-	.2-	95.8-	*110.1-	107.5-	5.8
5.20	2.10-	.4	98.1-	*115.0-	114.6-	8.2
5.60	2.10-	.0				12.6
5.80	2.10-	.0	100.0-	*125.4-	129.0-	14.5
1.00	2.50-	.0	.0		103.5-	51.7
1.10	2.50-	.0	14.8-	167.3-	92.3-	38.7
1.20	2.50-	1.1-	27.7-	155.1-	92.1-	32.2
1.30	2.50-	.9-	36.0-	151.1-	92.2-	28.1
1.40	2.50-	1.5-	45.4-	143.3-	94.2-	24.4
1.50	2.50-	1.5-	50.1-	120.6-	93.9-	21.9
1.60	2.50-	1.5-	54.8-	114.0-	93.6-	19.4
1.70	2.50-	1.8-	57.6-	127.9-	92.3-	17.4
1.80	2.50-	1.8-	63.3-	145.4-	94.4-	15.6
1.90	2.50-	1.9-	67.0-	113.7-	95.6-	14.4
2.00	2.50-	1.8-	68.4-	105.1-	94.1-	12.9
2.20	2.50-	2.0-	71.2-	107.6-	92.9-	11.0
2.40	2.50-	2.2-	75.7-	116.9-	93.5-	9.2
2.60	2.50-	2.0-	78.9-	111.6-	94.3-	7.9
2.80	2.50-	1.7-	81.7-	97.7-	95.0-	6.8
3.00	2.50-	1.6-	82.3-	92.0-	94.0-	6.0
3.20	2.50-	1.8-	84.0-	96.9-	93.6-	5.1
3.60	2.50-	1.7-	87.2-	106.9-	95.4-	4.4
4.00	2.50-	1.6-	90.9-	103.4-	98.5-	4.1
4.40	2.50-	1.3-	92.1-	104.1-	100.9-	4.6
4.80	2.50-	.8-	95.2-	123.0-	107.1-	6.0
5.20	2.50-	.5-	98.4-		114.4-	7.9
5.60	2.50-	.0				12.4
5.80	2.50-	.0	100.0-		127.9-	13.9
1.00	2.90-	.0	.0		106.1-	53.0
1.10	2.90-	.0	14.6-	171.2-	94.5-	39.9
1.20	2.90-	1.1-	28.4-	157.2-	94.5-	33.0
1.30	2.90-	.9-	36.1-	149.2-	93.2-	28.5
1.40	2.90-	1.3-	45.8-	149.1-	95.8-	25.0
1.50	2.90-	1.5-	50.8-	125.0-	94.7-	21.9
1.60	2.90-	1.8-	55.7-	119.0-	94.7-	19.5
1.70	2.90-	1.8-	58.7-	129.3-	93.4-	17.4
1.80	2.90-	2.2-	63.9-	145.4-	95.3-	15.8
1.90	2.90-	2.3-	67.7-	113.1-	96.3-	14.4
2.00	2.90-	2.2-	68.8-	105.8-	94.8-	13.1
2.20	2.90-	2.4-	71.5-	108.9-	93.7-	11.3
2.40	2.90-	2.6-	75.7-	115.5-	94.1-	9.5

2.60	2.90-	2.6-	78.5-	111.4-	94.4-	8.3
2.80	2.90-	2.6-	81.2-	98.8-	95.0-	7.4
3.00	2.90-	2.6-	81.9-	87.9-	94.4-	6.7
3.20	2.90-	2.9-	83.0-	96.4-	94.0-	6.1
3.60	2.90-	2.9-	86.5-	108.2-	95.6-	5.3
4.00	2.90-	2.8-	90.1-	101.0-	98.5-	5.0
4.40	2.90-	2.5-	91.3-	104.6-	100.7-	5.3
4.80	2.90-	1.9-	94.9-	124.0-	106.7-	6.1
5.20	2.90-	1.0-	98.3-		113.9-	7.8
5.60	2.90-	.6-				12.0
5.80	2.90-	.0	100.0-		126.4-	13.2
1.00	3.30-	.0	.0		109.4-	54.7
1.10	3.30-	.0	15.6-	176.1-	96.9-	40.6
1.20	3.30-	1.1-	29.1-	146.9-	96.9-	33.8
1.30	3.30-	1.0-	35.0-	149.4-	93.6-	29.3
1.40	3.30-	1.3-	46.5-	162.8-	97.0-	25.3
1.50	3.30-	1.4-	51.4-	122.1-	96.0-	22.3
1.60	3.30-	1.3-	55.7-	119.4-	95.5-	19.9
1.70	3.30-	1.5-	59.0-	137.9-	94.6-	17.8
1.80	3.30-	1.8-	64.9-	148.0-	97.0-	16.1
1.90	3.30-	2.1-	68.0-	107.1-	97.2-	14.7
2.00	3.30-	2.2-	68.9-	103.8-	95.6-	13.5
2.20	3.30-	2.3-	71.7-	108.2-	94.6-	11.6
2.40	3.30-	2.8-	75.4-	114.5-	94.9-	10.1
2.60	3.30-	2.9-	78.3-	113.8-	95.2-	8.9
2.80	3.30-	3.5-	81.2-	100.7-	95.8-	8.1
3.00	3.30-	3.6-	81.8-	83.6-	95.1-	7.6
3.20	3.30-	3.8-	82.5-	94.5-	94.6-	7.1
3.60	3.30-	3.9-	85.9-	108.3-	96.0-	6.4
4.00	3.30-	4.1-	89.4-	102.2-	98.7-	6.2
4.40	3.30-	3.7-	90.8-	104.5-	100.4-	6.1
4.80	3.30-	3.0-	94.6-	125.5-	106.1-	6.5
5.20	3.30-	2.2-	98.4-		113.2-	7.7
5.60	3.30-	.7-				11.1
5.80	3.30-	.0	100.0-		124.0-	12.0
1.00	3.70-	.0	.0	*201.5-	110.3-	55.1
1.10	3.70-	.0	16.1-	*184.2-	98.3-	41.1
1.20	3.70-	.0	29.7-	*169.0-	98.3-	34.3
1.30	3.70-	.0	35.0-	*153.3-	94.4-	29.6
1.40	3.70-	.4-	46.9-	*148.7-	98.4-	25.7
1.50	3.70-	.7-	51.1-	*140.2-	96.5-	22.7
1.60	3.70-	.7-	55.7-	*132.8-	96.3-	20.2
1.70	3.70-	1.2-	59.5-	*128.8-	95.8-	18.2
1.80	3.70-	1.2-	65.7-	*127.4-	98.6-	16.5
1.90	3.70-	1.9-	68.7-	*123.6-	98.7-	15.1
2.00	3.70-	1.9-	69.0-	*118.7-	96.7-	13.9
2.20	3.70-	2.1-	71.8-	*113.0-	95.7-	12.1
2.40	3.70-	2.7-	75.7-	*110.1-	96.3-	10.6
2.60	3.70-	3.4-	78.8-	*108.3-	96.6-	9.5
2.80	3.70-	4.0-	81.7-	*107.2-	97.4-	8.8
3.00	3.70-	4.6-	82.1-	*103.9-	96.0-	8.3
3.20	3.70-	4.5-	82.3-	*101.7-	95.4-	7.9

3.60	3.70-	4.8-	85.5-	*100.9-	96.7-	7.4
4.00	3.70-	5.1-	88.9-	*102.0-	99.2-	7.2
4.40	3.70-	5.1-	90.3-	*102.8-	100.4-	7.2
4.80	3.70-	4.3-	94.4-	*108.2-	105.6-	7.0
5.20	3.70-	3.2-	98.5-	*114.8-	112.0-	7.4
5.60	3.70-	1.1-				9.7
5.80	3.70-	.0	100.0-	*120.5-	120.9-	10.4
1.00	4.10-	.0	.0		111.2-	55.6
1.10	4.10-	.0	14.1-		96.6-	41.2
1.20	4.10-	1.7	28.0-		96.6-	34.3
1.30	4.10-	1.5	35.9-		95.5-	29.8
1.40	4.10-	.9	48.8-		100.6-	25.9
1.50	4.10-	.0	51.7-		97.7-	22.9
1.60	4.10-	.0	56.1-		97.2-	20.5
1.70	4.10-	.1-	59.9-		97.2-	18.6
1.80	4.10-	.5-	66.7-		100.3-	16.8
1.90	4.10-	1.0-	70.0-		100.7-	15.3
2.00	4.10-	1.4-	69.7-		98.1-	14.2
2.20	4.10-	1.9-	72.9-		97.0-	12.2
2.40	4.10-	2.7-	77.2-		98.3-	10.8
2.60	4.10-	3.5-	80.3-		98.6-	9.7
2.80	4.10-	4.2-	83.5-		99.5-	9.0
3.00	4.10-	5.0-	83.3-		97.5-	8.7
3.20	4.10-	5.3-	83.4-		96.7-	8.5
3.60	4.10-	6.3-	87.0-		97.8-	8.3
4.00	4.10-	6.5-	90.4-		99.9-	8.0
4.40	4.10-	6.5-	91.0-		100.5-	8.0
4.80	4.10-	5.5-	94.9-		104.9-	7.4
5.20	4.10-	4.0-	98.4-		110.4-	7.2
5.60	4.10-	1.1-				7.2
5.80	4.10-	.0	100.0-		115.1-	7.5

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Tabulation of Stresses for Non-Axially Symmetrical Problem

R	Z	Θ	τ_{rz}	$\tau_{r\theta}$	$\tau_{\theta z}$	σ_r	σ_θ	σ_z
.00	.00	.0	.0	.0	.0	155.9-	2.3-	.0
.10	.00	.0	.0	.0	.0	154.2-	2.4-	.0
.20	.00	.0	.0	.0	.0	156.0-	2.1-	.0
.30	.00	.0	.0	.0	.0	156.7-	1.7-	.0
.40	.00	.0	.0	.0	.0	158.4-	2.1-	.0
.50	.00	.0	.0	.0	.0	161.9-	3.6-	.0
.60	.00	.0	.0	.0	.0	165.0-	6.5-	.0
.70	.00	.0	.0	.0	.0	172.2-	14.0-	.0
.80	.00	.0	.0	.0	.0	183.6-	30.1-	.0
.90	.00	.0	.0	.0	.0	207.4-	75.8-	.0
.00	.10	.0	.0	.0	.0	153.5-	3.0-	.0
.10	.10	.0	.0	.0	.0	153.3-	2.7-	.3
.20	.10	.0	.0	.0	.0	153.1-	2.8-	1.1
.30	.10	.0	.5	.0	.0	153.6-	3.4-	1.1
.40	.10	.0	2.2	.0	.0	154.8-	4.6-	1.6
.50	.10	.0	3.3	.0	.0	157.2-	6.8-	1.1
.60	.10	.0	5.1	.0	.0	160.7-	10.1-	1.3
.70	.10	.0	8.1	.0	.0	165.6-	15.9-	.8-
.80	.10	.0	11.9	.0	.0	173.6-	25.9-	4.3-
.90	.10	.0	20.6	.0	.0	186.1-	49.6-	20.5-
1.00	.10	.0	16.7	.0	.0	190.7-	48.5-	56.5-
1.10	.10	.0	15.0	.0	.0	178.3-	43.2-	7.8-
1.20	.10	.0	28.8	.0	.0	169.1-	47.3-	11.0-
1.30	.10	.0	34.1	.0	.0	160.6-	48.9-	20.8-
1.40	.10	.0	30.8	.0	.0	155.4-	51.2-	29.0-
1.50	.10	.0	26.9	.0	.0	152.5-	52.4-	31.7-
1.60	.10	.0	25.5	.0	.0	151.4-	54.2-	36.6-
1.70	.10	.0	24.4	.0	.0	151.0-	55.4-	41.2-
1.80	.10	.0	21.9	.0	.0	150.8-	56.4-	42.2-
1.90	.10	.0	20.2	.0	.0	150.7-	56.6-	44.1-
2.00	.10	.0	18.3	.0	.0	150.0-	56.2-	44.9-
2.20	.10	.0	14.9	.0	.0	149.3-	55.7-	45.4-
2.40	.10	.0	12.8	.0	.0	149.3-	55.0-	46.5-
2.60	.10	.0	11.1	.0	.0	149.4-	54.8-	47.1-
2.80	.10	.0	10.0	.0	.0	149.6-	55.4-	48.2-
3.00	.10	.0	9.1	.0	.0	150.1-	55.8-	49.0-
3.20	.10	.0	7.7	.0	.0	150.5-	56.7-	49.2-
3.60	.10	.0	5.8	.0	.0	151.1-	58.4-	50.7-
4.00	.10	.0	4.1	.0	.0	151.2-	60.8-	52.5-
4.40	.10	.0	2.1	.0	.0	150.3-	63.7-	52.1-
4.80	.10	.0	.0	.0	.0	150.0-	64.3-	52.3-
.00	.30	.0	.0	.0	.0	148.0-	2.1-	.5-
.10	.30	.0	.0	.0	.0	147.6-	1.7-	.2-
.20	.30	.0	1.8	.0	.0	147.3-	2.2-	.6-
.30	.30	.0	3.3	.0	.0	147.8-	3.5-	1.7-
.40	.30	.0	5.1	.0	.0	148.2-	5.4-	3.3-

.50	.30	.0	7.6	.0	.0	148.5-	7.7-	4.5-
.60	.30	.0	9.7	.0	.0	148.5-	10.5-	7.0-
.70	.30	.0	10.9	.0	.0	147.9-	13.1-	10.6-
.80	.30	.0	9.9	.0	.0	146.3-	15.2-	14.7-
.90	.30	.0	7.6	.0	.0	143.0-	13.6-	23.4-
1.00	.30	.0	4.4	.0	.0	138.1-	7.9-	11.3-
1.10	.30	.0	2.4	.0	.0	134.0-	4.0-	3.0
1.20	.30	.0	7.6	.0	.0	129.8-	3.2-	14.0
1.30	.30	.0	12.7	.0	.0	125.1-	3.9-	18.9
1.40	.30	.0	17.2	.0	.0	121.5-	5.2-	16.5
1.50	.30	.0	16.6	.0	.0	118.9-	6.9-	13.9
1.60	.30	.0	18.3	.0	.0	117.3-	8.2-	10.3
1.70	.30	.0	17.5	.0	.0	116.1-	11.2-	6.0
1.80	.30	.0	17.2	.0	.0	115.1-	11.4-	4.7
1.90	.30	.0	15.8	.0	.0	114.4-	11.7-	1.7
2.00	.30	.0	14.2	.0	.0	114.1-	11.6-	.2-
2.20	.30	.0	12.5	.0	.0	114.3-	13.3-	3.8-
2.40	.30	.0	11.2	.0	.0	115.1-	14.9-	7.6-
2.60	.30	.0	9.9	.0	.0	115.7-	16.3-	9.8-
2.80	.30	.0	9.0	.0	.0	115.6-	16.6-	11.4-
3.00	.30	.0	8.0	.0	.0	115.6-	17.5-	12.0-
3.20	.30	.0	6.9	.0	.0	115.7-	19.0-	12.9-
3.60	.30	.0	5.3	.0	.0	116.3-	21.6-	14.8-
4.00	.30	.0	3.8	.0	.0	116.5-	25.1-	16.5-
4.40	.30	.0	1.7	.0	.0	115.6-	26.2-	15.9-
4.80	.30	.0	.0	.0	.0	115.1-	27.0-	16.2-
.00	.50	.0	.0	.0	.0	136.1-	1.4	1.5-
.10	.50	.0	.0	.0	.0	135.9-	1.6	1.5-
.20	.50	.0	1.9	.0	.0	135.6-	.8	2.5-
.30	.50	.0	3.0	.0	.0	135.1-	.8	2.0-
.40	.50	.0	3.9	.0	.0	134.3-	.3-	3.9-
.50	.50	.0	4.3	.0	.0	133.2-	1.2-	3.9-
.60	.50	.0	4.4	.0	.0	131.6-	1.5-	5.0-
.70	.50	.0	4.4	.0	.0	129.4-	1.4-	4.3-
.80	.50	.0	3.8	.0	.0	127.0-	1.3-	5.7-
.90	.50	.0	2.2	.0	.0	124.6-	.5	8.0-
1.00	.50	.0	.0	.0	.0	122.4-	2.1	.5
1.10	.50	.0	.0	.0	.0	121.0-	3.4	6.5
1.20	.50	.0	2.3	.0	.0	119.4-	4.4	11.7
1.30	.50	.0	5.4	.0	.0	117.2-	4.2	16.2
1.40	.50	.0	7.3	.0	.0	115.5-	3.7	18.1
1.50	.50	.0	9.2	.0	.0	113.3-	3.5	17.9
1.60	.50	.0	10.8	.0	.0	111.4-	3.0	16.8
1.70	.50	.0	11.0	.0	.0	109.4-	1.8	15.9
1.80	.50	.0	10.9	.0	.0	107.8-	1.8	15.7
1.90	.50	.0	10.9	.0	.0	106.3-	1.0	14.7
2.00	.50	.0	10.9	.0	.0	105.4-	.6	12.9
2.20	.50	.0	10.1	.0	.0	104.5-	1.4-	10.1
2.40	.50	.0	9.4	.0	.0	104.0-	2.9-	7.0
2.60	.50	.0	8.6	.0	.0	103.1-	2.6-	5.9
2.80	.50	.0	7.7	.0	.0	101.5-	2.3-	5.5
3.00	.50	.0	7.0	.0	.0	100.3-	1.9-	5.4
3.20	.50	.0	6.0	.0	.0	99.2-	2.5-	5.2

3.60	.50	.0	4.9	.0	.0	97.8-	3.4-	5.3
4.00	.50	.0	3.5	.0	.0	96.8-	4.9-	4.2
4.40	.50	.0	1.4	.0	.0	95.9-	6.7-	4.4
4.80	.50	.0	.0	.0	.0	95.3-	7.6-	4.5
.00	.70	.0	.0	.0	.0	126.0-	4.7	2.6-
.10	.70	.0	.0	.0	.0	125.6-	5.1	2.4-
.20	.70	.0	.2	.0	.0	125.1-	4.6	2.7-
.30	.70	.0	1.1	.0	.0	124.7-	4.1	3.5-
.40	.70	.0	1.7	.0	.0	123.8-	4.1	3.7-
.50	.70	.0	2.1	.0	.0	122.7-	3.7	4.1-
.60	.70	.0	2.1	.0	.0	121.6-	3.7	4.2-
.70	.70	.0	1.4	.0	.0	120.3-	2.9	4.1-
.80	.70	.0	.0	.0	.0	118.7-	3.5	3.2-
.90	.70	.0	2.0-	.0	.0	117.4-	4.1	3.0-
1.00	.70	.0	2.1-	.0	.0	116.6-	4.8	2.0
1.10	.70	.0	2.1-	.0	.0	116.1-	4.2	5.7
1.20	.70	.0	2.2-	.0	.0	115.3-	4.2	8.1
1.30	.70	.0	.7	.0	.0	113.8-	4.4	12.0
1.40	.70	.0	2.4	.0	.0	111.9-	5.1	15.4
1.50	.70	.0	4.2	.0	.0	109.9-	5.5	17.2
1.60	.70	.0	5.3	.0	.0	107.7-	5.8	18.2
1.70	.70	.0	6.1	.0	.0	105.4-	6.0	19.5
1.80	.70	.0	6.5	.0	.0	103.5-	6.1	20.1
1.90	.70	.0	7.5	.0	.0	101.8-	6.2	19.7
2.00	.70	.0	7.8	.0	.0	100.2-	6.5	19.6
2.20	.70	.0	8.2	.0	.0	97.3-	6.3	18.9
2.40	.70	.0	7.5	.0	.0	94.9-	6.9	18.1
2.60	.70	.0	6.8	.0	.0	93.0-	7.2	18.2
2.80	.70	.0	6.3	.0	.0	91.5-	6.9	17.5
3.00	.70	.0	5.8	.0	.0	90.4-	7.0	17.1
3.20	.70	.0	5.2	.0	.0	89.5-	6.3	16.2
3.60	.70	.0	4.2	.0	.0	88.1-	4.8	15.8
4.00	.70	.0	3.0	.0	.0	86.8-	4.1	15.3
4.40	.70	.0	.9	.0	.0	85.5-	1.9	15.7
4.80	.70	.0	.0	.0	.0	84.9-	2.1	15.9
.00	.90	.0	.0	.0	.0	119.0-	6.8	3.5-
.20	.90	.0	.0	.0	.0	118.4-	6.3	3.8-
.40	.90	.0	.0	.0	.0	117.0-	5.7	3.6-
.60	.90	.0	.0	.0	.0	115.2-	5.9	2.7-
.80	.90	.0	2.0-	.0	.0	113.5-	6.3	.6-
1.00	.90	.0	2.0-	.0	.0	113.0-	6.1	2.6
1.20	.90	.0	2.1-	.0	.0	113.1-	5.3	5.8
1.40	.90	.0	.0	.0	.0	112.2-	5.1	9.7
1.60	.90	.0	1.7	.0	.0	109.5-	5.6	12.9
1.80	.90	.0	3.8	.0	.0	106.7-	6.0	14.4
2.00	.90	.0	4.6	.0	.0	103.8-	6.2	16.3
2.20	.90	.0	4.9	.0	.0	101.1-	6.5	15.6
2.40	.90	.0	5.2	.0	.0	98.7-	7.5	15.8
2.60	.90	.0	5.3	.0	.0	96.8-	7.8	15.5
2.80	.90	.0	5.2	.0	.0	95.4-	8.0	15.0
3.00	.90	.0	4.9	.0	.0	94.2-	7.6	14.4
3.20	.90	.0	4.5	.0	.0	93.2-	7.0	13.8

3.60	.90	.0	3.6	.0	.0	91.7-	5.5	12.6
4.00	.90	.0	2.2	.0	.0	90.2-	3.4	12.5
4.40	.90	.0	.4	.0	.0	88.7-	3.5	13.3
4.80	.90	.0	.0	.0	.0	88.1-	1.6	14.0
.00	1.10	.0	.0	.0	.0	114.4-	9.7	4.1-
.20	1.10	.0	1.9-	.0	.0	113.8-	9.1	3.6-
.40	1.10	.0	1.9-	.0	.0	112.8-	8.8	2.9-
.60	1.10	.0	1.9-	.0	.0	111.9-	8.3	2.5-
.80	1.10	.0	1.9-	.0	.0	111.4-	8.3	.9-
1.00	1.10	.0	2.0-	.0	.0	111.4-	7.3	1.5
1.20	1.10	.0	2.0-	.0	.0	111.5-	5.7	4.4
1.40	1.10	.0	2.1-	.0	.0	111.2-	5.8	7.3
1.60	1.10	.0	.0	.0	.0	109.7-	5.6	9.5
1.80	1.10	.0	.8	.0	.0	107.8-	5.5	11.8
2.00	1.10	.0	2.3	.0	.0	105.7-	5.7	12.7
2.20	1.10	.0	3.0	.0	.0	103.6-	5.8	12.2
2.40	1.10	.0	3.4	.0	.0	101.9-	5.9	12.5
2.60	1.10	.0	3.7	.0	.0	100.3-	5.6	12.4
2.80	1.10	.0	3.9	.0	.0	98.8-	5.6	12.3
3.00	1.10	.0	3.8	.0	.0	97.5-	5.6	11.9
3.20	1.10	.0	3.4	.0	.0	96.3-	5.1	11.8
3.60	1.10	.0	2.9	.0	.0	94.4-	4.4	10.8
4.00	1.10	.0	1.4	.0	.0	92.8-	3.8	10.6
4.40	1.10	.0	.0	.0	.0	91.7-	2.5	11.2
4.80	1.10	.0	.0	.0	.0	91.6-	2.5	11.1
.00	1.30	.0	.0	.0	.0	110.9-	5.7	3.8-
.20	1.30	.0	1.9-	.0	.0	110.7-	5.9	3.7-
.40	1.30	.0	1.9-	.0	.0	110.6-	5.0	3.4-
.60	1.30	.0	1.9-	.0	.0	110.6-	4.7	2.9-
.80	1.30	.0	1.9-	.0	.0	110.6-	4.7	1.8-
1.00	1.30	.0	1.9-	.0	.0	110.6-	4.8	.6
1.20	1.30	.0	2.0-	.0	.0	110.4-	4.9	2.6
1.40	1.30	.0	2.0-	.0	.0	110.4-	5.1	5.3
1.60	1.30	.0	2.0-	.0	.0	109.9-	5.4	6.6
1.80	1.30	.0	.0	.0	.0	108.6-	5.4	8.4
2.00	1.30	.0	.0	.0	.0	107.2-	5.7	9.3
2.20	1.30	.0	1.2	.0	.0	105.9-	3.9	9.2
2.40	1.30	.0	2.0	.0	.0	104.2-	3.3	10.1
2.60	1.30	.0	2.2	.0	.0	102.5-	3.0	9.4
2.80	1.30	.0	2.5	.0	.0	100.9-	3.4	9.7
3.00	1.30	.0	2.5	.0	.0	99.5-	3.2	10.0
3.20	1.30	.0	2.5	.0	.0	98.3-	2.4	9.5
3.60	1.30	.0	2.0	.0	.0	96.3-	.7	9.1
4.00	1.30	.0	.7	.0	.0	94.5-	.7-	9.0
4.40	1.30	.0	.0	.0	.0	93.6-	1.9-	9.4
4.80	1.30	.0	.0	.0	.0	93.7-	2.3-	9.4
.00	1.50	.0	.0	.0	.0	108.2-	6.6	3.4-
.20	1.50	.0	1.8-	.0	.0	108.0-	5.9	3.1-
.40	1.50	.0	1.8-	.0	.0	107.6-	5.4	1.9-
.60	1.50	.0	1.8-	.0	.0	107.5-	5.1	1.7-
.80	1.50	.0	1.9-	.0	.0	107.4-	4.9	.4-

1.00	1.50	.0	1.9-	.0	.0	107.3-	4.6	1.8
1.20	1.50	.0	1.9-	.0	.0	107.2-	4.2	3.7
1.40	1.50	.0	2.0-	.0	.0	107.2-	3.4	5.8
1.60	1.50	.0	2.0-	.0	.0	107.2-	2.9	6.6
1.80	1.50	.0	2.0-	.0	.0	106.7-	2.0	7.6
2.00	1.50	.0	.0	.0	.0	105.6-	1.9	9.3
2.20	1.50	.0	.0	.0	.0	104.7-	.1	8.9
2.40	1.50	.0	.0	.0	.0	103.9-	.8-	8.3
2.60	1.50	.0	.4	.0	.0	102.8-	.7-	8.2
2.80	1.50	.0	.8	.0	.0	101.6-	.7-	8.6
3.00	1.50	.0	1.3	.0	.0	100.2-	.5-	9.3
3.20	1.50	.0	1.3	.0	.0	98.9-	.7-	9.1
3.60	1.50	.0	1.1	.0	.0	96.4-	1.0-	9.0
4.00	1.50	.0	.0	.0	.0	94.8-	1.9-	8.9
4.40	1.50	.0	.0	.0	.0	94.5-	1.9-	8.9
4.80	1.50	.0	.0	.0	.0	94.5-	1.9-	9.1
.00	1.70	.0	.0	.0	.0	106.8-	8.7	2.7-
.20	1.70	.0	1.8-	.0	.0	106.7-	7.5	2.5-
.40	1.70	.0	1.8-	.0	.0	106.5-	7.7	2.0-
.60	1.70	.0	1.8-	.0	.0	106.4-	7.8	1.3-
.80	1.70	.0	1.9-	.0	.0	106.4-	7.4	.5-
1.00	1.70	.0	1.9-	.0	.0	106.4-	7.2	.9
1.20	1.70	.0	1.9-	.0	.0	106.4-	7.2	2.8
1.40	1.70	.0	1.9-	.0	.0	106.4-	6.6	5.1
1.60	1.70	.0	2.0-	.0	.0	106.3-	6.3	5.6
1.80	1.70	.0	2.0-	.0	.0	106.3-	5.0	6.4
2.00	1.70	.0	2.0-	.0	.0	105.9-	4.6	7.2
2.20	1.70	.0	.0	.0	.0	104.8-	4.3	7.6
2.40	1.70	.0	.0	.0	.0	103.8-	3.5	7.4
2.60	1.70	.0	.0	.0	.0	103.1-	2.6	7.1
2.80	1.70	.0	.0	.0	.0	102.9-	.9	6.3
3.00	1.70	.0	.0	.0	.0	102.3-	.5-	6.3
3.20	1.70	.0	.0	.0	.0	101.6-	1.5-	6.3
3.60	1.70	.0	.0	.0	.0	100.3-	4.2-	5.1
4.00	1.70	.0	.0	.0	.0	99.6-	6.3-	4.3
4.40	1.70	.0	.0	.0	.0	99.7-	7.6-	4.2
4.80	1.70	.0	.0	.0	.0	99.6-	7.9-	4.5
.00	1.90	.0	.0	.0	.0	105.7-	10.5	2.0-
.40	1.90	.0	1.8-	.0	.0	105.8-	8.3	1.8-
.80	1.90	.0	1.8-	.0	.0	106.0-	7.4	1.2-
1.20	1.90	.0	1.9-	.0	.0	106.0-	6.8	1.6
1.60	1.90	.0	1.9-	.0	.0	105.9-	6.5	3.8
2.00	1.90	.0	2.0-	.0	.0	105.3-	5.6	6.5
2.40	1.90	.0	1.9-	.0	.0	104.2-	4.5	5.4
2.80	1.90	.0	.0	.0	.0	103.3-	2.5	5.0
3.20	1.90	.0	.0	.0	.0	102.8-	.9-	4.7
3.60	1.90	.0	.0	.0	.0	102.2-	3.4-	2.8
4.00	1.90	.0	.0	.0	.0	101.8-	6.4-	2.4
4.40	1.90	.0	.0	.0	.0	101.8-	6.8-	2.6
4.80	1.90	.0	.0	.0	.0	101.7-	6.9-	2.8
.00	2.30	.0	.0	.0	.0	103.7-	9.0	1.0-

.40	2.30	.0	1.8-	.0	.0	103.7-	7.5	.7-
.80	2.30	.0	1.8-	.0	.0	103.6-	6.8	.6-
1.20	2.30	.0	1.8-	.0	.0	103.4-	6.0	2.0
1.60	2.30	.0	1.9-	.0	.0	103.2-	4.6	3.4
2.00	2.30	.0	1.9-	.0	.0	103.0-	2.9	4.8
2.40	2.30	.0	1.9-	.0	.0	103.0-	.0-	4.5
2.80	2.30	.0	.0	.0	.0	102.5-	1.7-	4.5
3.20	2.30	.0	.0	.0	.0	101.3-	3.6-	5.0
3.60	2.30	.0	.0	.0	.0	100.3-	5.4-	4.6
4.00	2.30	.0	.0	.0	.0	99.7-	6.8-	4.6
4.40	2.30	.0	.0	.0	.0	99.7-	7.6-	5.4
4.80	2.30	.0	.0	.0	.0	99.6-	8.7-	5.0
.00	2.70	.0	.0	.0	.0	101.9-	8.9	.4-
.40	2.70	.0	1.8-	.0	.0	101.8-	7.7	.2-
.80	2.70	.0	1.8-	.0	.0	101.6-	7.5	.4
1.20	2.70	.0	1.8-	.0	.0	101.3-	7.0	1.7
1.60	2.70	.0	1.8-	.0	.0	101.1-	6.2	3.5
2.00	2.70	.0	1.8-	.0	.0	100.9-	5.0	3.9
2.40	2.70	.0	1.8-	.0	.0	100.8-	2.7	4.6
2.80	2.70	.0	1.8-	.0	.0	100.4-	1.2	5.0
3.20	2.70	.0	1.8-	.0	.0	99.3-	.3-	6.4
3.60	2.70	.0	1.8-	.0	.0	98.3-	1.7-	6.3
4.00	2.70	.0	.0	.0	.0	97.3-	3.4-	7.2
4.40	2.70	.0	.0	.0	.0	96.7-	4.7-	8.4
4.80	2.70	.0	.0	.0	.0	96.7-	5.9-	8.3
.00	3.10	.0	.0	.0	.0	100.5-	8.4	.1
.40	3.10	.0	1.8-	.0	.0	100.4-	7.4	.2
.80	3.10	.0	1.8-	.0	.0	100.1-	7.7	.4
1.20	3.10	.0	1.8-	.0	.0	99.7-	7.5	1.8
1.60	3.10	.0	1.8-	.0	.0	99.4-	7.4	3.3
2.00	3.10	.0	1.8-	.0	.0	99.2-	6.6	4.0
2.40	3.10	.0	1.8-	.0	.0	99.1-	5.0	4.6
2.80	3.10	.0	1.8-	.0	.0	99.1-	3.2	4.6
3.20	3.10	.0	1.8-	.0	.0	99.1-	1.2	5.3
3.60	3.10	.0	1.8-	.0	.0	99.0-	.7-	5.4
4.00	3.10	.0	1.8-	.0	.0	98.6-	3.8-	5.9
4.40	3.10	.0	.0	.0	.0	97.9-	6.1-	7.3
4.80	3.10	.0	.0	.0	.0	97.9-	7.2-	7.3
.00	3.50	.0	.0	.0	.0	98.8-	11.0	.2
.40	3.50	.0	1.7-	.0	.0	98.8-	9.8	.3
.80	3.50	.0	1.7-	.0	.0	98.8-	8.8	1.5-
1.20	3.50	.0	1.7-	.0	.0	98.6-	8.7	1.4
1.60	3.50	.0	1.8-	.0	.0	98.3-	8.4	2.2
2.00	3.50	.0	1.8-	.0	.0	98.0-	7.4	3.2
2.40	3.50	.0	1.8-	.0	.0	98.0-	6.2	4.0
2.80	3.50	.0	1.8-	.0	.0	97.8-	5.1	4.5
3.20	3.50	.0	1.8-	.0	.0	97.7-	2.7	5.4
3.60	3.50	.0	1.8-	.0	.0	97.6-	.1-	5.7
4.00	3.50	.0	1.8-	.0	.0	97.6-	2.6-	6.3
4.40	3.50	.0	.0	.0	.0	97.6-	5.1-	7.6
4.80	3.50	.0	.0	.0	.0	97.5-	5.7-	7.7

.00	3.90	.0	.0	.0	.0	97.7-	10.6	.4
.40	3.90	.0	1.7-	.0	.0	97.7-	10.0	.5
.80	3.90	.0	1.7-	.0	.0	97.7-	9.2	.3-
1.20	3.90	.0	1.7-	.0	.0	97.5-	9.2	1.6
1.60	3.90	.0	1.7-	.0	.0	97.5-	8.4	1.1
2.00	3.90	.0	1.7-	.0	.0	97.9-	6.7	.3
2.40	3.90	.0	1.7-	.0	.0	98.0-	5.4	1.2
2.80	3.90	.0	1.7-	.0	.0	98.9-	3.1	.7
3.20	3.90	.0	1.8-	.0	.0	99.7-	.1	1.2
3.60	3.90	.0	1.8-	.0	.0	100.5-	2.4-	1.9
4.00	3.90	.0	1.8-	.0	.0	101.4-	4.9-	2.3
4.40	3.90	.0	.0	.0	.0	101.9-	9.1-	3.3
4.80	3.90	.0	.0	.0	.0	101.8-	13.4-	3.4
.00	4.30	.0	.0	.0	.0	97.8-	9.0	.5
.40	4.30	.0	1.7-	.0	.0	98.3-	8.6	.0-
.80	4.30	.0	1.7-	.0	.0	98.9-	7.2	1.5-
1.20	4.30	.0	1.7-	.0	.0	99.3-	6.8	1.8-
1.60	4.30	.0	.0	.0	.0	99.7-	5.4	2.0-
2.00	4.30	.0	1.7-	.0	.0	100.4-	3.4	1.9-
2.40	4.30	.0	.0	.0	.0	100.9-	1.9	2.1-
2.80	4.30	.0	.0	.0	.0	101.7-	.8-	2.3-
3.20	4.30	.0	.0	.0	.0	102.7-	3.6-	2.9-
3.60	4.30	.0	.0	.0	.0	103.7-	5.0-	2.7-
4.00	4.30	.0	.0	.0	.0	104.6-	6.6-	2.0-
4.40	4.30	.0	.0	.0	.0	105.2-	12.2-	1.5-
4.80	4.30	.0	.0	.0	.0	105.1-	20.2-	.1
.00	4.80	.0	.0	.0	.0	97.7-		.6
.40	4.80	.0	.0	.0	.0	98.3-	8.6	.0
.80	4.80	.0	.0	.0	.0	97.5-	8.7	.0
1.20	4.80	.0	.0	.0	.0	98.1-	8.0	.0
1.60	4.80	.0	.0	.0	.0	98.3-	6.8	.0
2.00	4.80	.0	.0	.0	.0	98.8-	5.0	.0
2.40	4.80	.0	.0	.0	.0	99.2-	3.7	.0
2.80	4.80	.0	.0	.0	.0	99.0-	1.9	.0
3.20	4.80	.0	.0	.0	.0	99.1-	.0-	.0
3.60	4.80	.0	.0	.0	.0	99.9-	1.2-	.0
4.00	4.80	.0	.0	.0	.0	100.9-	2.9-	.0
4.40	4.80	.0	.0	.0	.0	102.0-	9.0-	.0
4.80	4.80	.0	.0	.0	.0	105.2-	20.3-	.0
1.00	.10-	.0	.0	.0	.0	.0	120.3	89.8
1.10	.10-	.0	38.7	.0	.0	3.9	94.7	52.3
1.20	.10-	.0	46.4	.0	.0	.5-	87.7	72.0
1.30	.10-	.0	43.9	.0	.0	5.0-	82.4	74.1
1.40	.10-	.0	38.4	.0	.0	9.9-	75.4	75.3
1.50	.10-	.0	32.6	.0	.0	13.6-	69.0	76.0
1.60	.10-	.0	28.7	.0	.0	17.3-	64.8	74.5
1.70	.10-	.0	26.5	.0	.0	20.7-	62.8	71.0
1.80	.10-	.0	23.6	.0	.0	24.1-	60.3	69.2
1.90	.10-	.0	21.5	.0	.0	27.0-	58.6	67.0
2.00	.10-	.0	19.5	.0	.0	29.1-	57.4	65.8
2.20	.10-	.0	16.0	.0	.0	32.9-	55.7	63.4

2.40	.10-	.0	13.6	.0	.0	36.3-	53.7	60.8
2.60	.10-	.0	11.8	.0	.0	39.7-	51.2	58.0
2.80	.10-	.0	10.2	.0	.0	43.0-	49.5	55.0
3.00	.10-	.0	9.2	.0	.0	45.7-	47.5	52.3
3.20	.10-	.0	8.3	.0	.0	47.4-	45.8	50.8
3.60	.10-	.0	6.4	.0	.0	50.4-	41.2	48.0
4.00	.10-	.0	4.6	.0	.0	52.2-	37.3	45.6
4.40	.10-	.0	2.2	.0	.0	52.9-	31.7	44.5
4.80	.10-	.0	.0	.0	.0	53.5-	29.8	42.8
1.00	.30-	.0	.0	.0	.0	.0	135.1	104.9
1.10	.30-	.0	10.6	.0	.0	.9	83.1	66.2
1.20	.30-	.0	19.8	.0	.0	11.8-	48.9	38.8
1.30	.30-	.0	25.2	.0	.0	25.0-	30.5	56.6
1.40	.30-	.0	26.8	.0	.0	38.4-	17.2	21.2
1.50	.30-	.0	25.9	.0	.0	49.5-	9.9	16.8
1.60	.30-	.0	25.6	.0	.0	57.7-	5.3	12.8
1.70	.30-	.0	23.5	.0	.0	64.1-	3.4	11.0
1.80	.30-	.0	21.1	.0	.0	69.6-	1.8	9.8
1.90	.30-	.0	20.1	.0	.0	74.0-	.5	8.2
2.00	.30-	.0	18.8	.0	.0	78.0-	.9-	7.0
2.20	.30-	.0	15.8	.0	.0	83.7-	2.3-	4.9
2.40	.30-	.0	13.3	.0	.0	88.1-	4.4-	3.4
2.60	.30-	.0	11.5	.0	.0	92.1-	6.2-	1.3
2.80	.30-	.0	10.1	.0	.0	95.7-	7.9-	1.1-
3.00	.30-	.0	9.1	.0	.0	99.0-	9.5-	3.7-
3.20	.30-	.0	8.3	.0	.0	102.0-	12.2-	6.0-
3.60	.30-	.0	6.4	.0	.0	107.5-	17.7-	10.9-
4.00	.30-	.0	4.7	.0	.0	111.5-	23.0-	14.8-
4.40	.30-	.0	2.4	.0	.0	113.3-	27.8-	16.7-
4.80	.30-	.0	.0	.0	.0	113.8-	32.4-	18.5-
1.00	.50-	.0	.0	.0	.0	.0	136.4	111.1
1.10	.50-	.0	4.1	.0	.0	4.8	89.7	82.6
1.20	.50-	.0	8.4	.0	.0	.7-	57.5	58.2
1.30	.50-	.0	12.7	.0	.0	8.2-	39.2	43.7
1.40	.50-	.0	15.4	.0	.0	17.2-	26.3	36.3
1.50	.50-	.0	17.4	.0	.0	25.7-	20.6	29.9
1.60	.50-	.0	18.7	.0	.0	33.3-	17.9	26.6
1.70	.50-	.0	17.9	.0	.0	40.2-	14.9	24.5
1.80	.50-	.0	17.4	.0	.0	46.2-	13.8	22.8
1.90	.50-	.0	16.8	.0	.0	51.7-	12.3	21.7
2.00	.50-	.0	15.9	.0	.0	56.3-	11.5	20.9
2.20	.50-	.0	13.8	.0	.0	63.7-	10.8	19.1
2.40	.50-	.0	12.3	.0	.0	69.1-	10.3	17.6
2.60	.50-	.0	10.8	.0	.0	73.2-	9.3	16.4
2.80	.50-	.0	9.6	.0	.0	77.0-	7.9	14.5
3.00	.50-	.0	8.7	.0	.0	80.4-	6.2	12.6
3.20	.50-	.0	8.0	.0	.0	83.6-	4.0	10.6
3.60	.50-	.0	6.4	.0	.0	88.4-	.6-	6.8
4.00	.50-	.0	4.7	.0	.0	91.6-	5.7-	4.2
4.40	.50-	.0	2.3	.0	.0	94.0-	11.2-	1.5
4.80	.50-	.0	.0	.0	.0	94.7-	14.7-	.0-
1.00	.70-	.0	.0	.0	.0	.0	132.3	113.4

1.10	.70-	.0	2.1	.0	.0	5.6	90.9	87.1
1.20	.70-	.0	4.1	.0	.0	2.4	60.4	66.8
1.30	.70-	.0	7.0	.0	.0	2.6-	42.4	53.5
1.40	.70-	.0	8.8	.0	.0	9.3-	29.8	44.9
1.50	.70-	.0	10.9	.0	.0	16.4-	22.8	37.6
1.60	.70-	.0	12.6	.0	.0	23.7-	19.5	33.0
1.70	.70-	.0	13.4	.0	.0	30.3-	17.5	29.7
1.80	.70-	.0	13.3	.0	.0	36.2-	16.2	28.2
1.90	.70-	.0	13.4	.0	.0	41.8-	15.4	26.1
2.00	.70-	.0	13.0	.0	.0	46.7-	14.4	24.9
2.20	.70-	.0	12.0	.0	.0	54.8-	13.6	23.0
2.40	.70-	.0	10.8	.0	.0	61.2-	13.0	21.6
2.60	.70-	.0	9.6	.0	.0	66.1-	12.6	19.9
2.80	.70-	.0	8.9	.0	.0	70.0-	11.8	18.7
3.00	.70-	.0	8.2	.0	.0	73.5-	10.6	17.4
3.20	.70-	.0	7.5	.0	.0	76.8-	8.9	15.6
3.60	.70-	.0	6.0	.0	.0	82.0-	5.0	12.3
4.00	.70-	.0	4.5	.0	.0	85.7-	.9	9.3
4.40	.70-	.0	2.2	.0	.0	88.5-	3.2-	6.2
4.80	.70-	.0	.0	.0	.0	89.1-	7.5-	4.8
1.00	.90-	.0	.0	.0	.0	.0	137.9	114.5
1.10	.90-	.0	1.5	.0	.0	5.8	92.4	90.7
1.20	.90-	.0	2.4	.0	.0	2.4	60.4	71.3
1.30	.90-	.0	3.5	.0	.0	2.2-	42.4	58.2
1.40	.90-	.0	5.0	.0	.0	7.8-	31.4	48.8
1.50	.90-	.0	6.9	.0	.0	14.2-	24.0	41.5
1.60	.90-	.0	8.2	.0	.0	21.0-	19.9	36.3
1.70	.90-	.0	9.2	.0	.0	27.6-	17.3	31.8
1.80	.90-	.0	9.8	.0	.0	33.4-	15.6	28.9
1.90	.90-	.0	9.8	.0	.0	38.9-	14.8	26.8
2.00	.90-	.0	9.9	.0	.0	44.1-	13.6	25.1
2.20	.90-	.0	9.8	.0	.0	53.2-	12.2	21.7
2.40	.90-	.0	9.4	.0	.0	60.3-	11.3	19.7
2.60	.90-	.0	8.4	.0	.0	66.1-	10.0	17.3
2.80	.90-	.0	7.9	.0	.0	70.7-	9.2	15.9
3.00	.90-	.0	7.4	.0	.0	74.2-	8.3	14.9
3.20	.90-	.0	6.9	.0	.0	77.7-	6.4	13.1
3.60	.90-	.0	5.4	.0	.0	82.9-	2.7	10.4
4.00	.90-	.0	3.9	.0	.0	86.6-	2.0-	7.4
4.40	.90-	.0	2.1	.0	.0	89.4-	7.0-	4.1
4.80	.90-	.0	.0	.0	.0	90.0-	8.9-	3.2
1.00	1.10-	.0	.0	.0	.0	.0	135.9	114.5
1.10	1.10-	.0	.6	.0	.0	5.9	93.3	92.9
1.20	1.10-	.0	1.7	.0	.0	2.7	61.5	74.1
1.30	1.10-	.0	2.3	.0	.0	1.4-	42.9	61.8
1.40	1.10-	.0	3.1	.0	.0	6.2-	31.4	53.2
1.50	1.10-	.0	4.0	.0	.0	12.0-	24.9	45.4
1.60	1.10-	.0	5.2	.0	.0	18.1-	20.6	40.4
1.70	1.10-	.0	6.0	.0	.0	24.3-	18.4	36.0
1.80	1.10-	.0	6.6	.0	.0	30.0-	16.9	32.5
1.90	1.10-	.0	7.1	.0	.0	35.0-	16.3	30.4
2.00	1.10-	.0	7.5	.0	.0	39.8-	15.2	28.6

2.20	1.10-	.0	7.8	.0	.0	49.0-	13.8	24.0
2.40	1.10-	.0	7.7	.0	.0	56.5-	12.5	21.4
2.60	1.10-	.0	7.0	.0	.0	62.2-	11.0	19.2
2.80	1.10-	.0	6.9	.0	.0	66.6-	11.2	18.1
3.00	1.10-	.0	6.5	.0	.0	70.2-	10.1	17.5
3.20	1.10-	.0	6.0	.0	.0	73.6-	8.4	16.0
3.60	1.10-	.0	4.9	.0	.0	78.9-	5.0	13.4
4.00	1.10-	.0	3.6	.0	.0	82.5-	2.2	10.7
4.40	1.10-	.0	1.9	.0	.0	85.0-	2.7-	7.5
4.80	1.10-	.0	.0	.0	.0	85.7-	4.6-	6.4
1.00	1.30-	.0	.0	.0	.0	.0	135.5	114.5
1.10	1.30-	.0	.2	.0	.0	5.9	92.4	94.1
1.20	1.30-	.0	1.0	.0	.0	3.0	61.2	75.5
1.30	1.30-	.0	1.6	.0	.0	1.3-	41.7	64.2
1.40	1.30-	.0	2.1	.0	.0	6.6-	30.2	54.4
1.50	1.30-	.0	2.8	.0	.0	12.4-	23.3	47.0
1.60	1.30-	.0	3.5	.0	.0	18.5-	18.8	41.2
1.70	1.30-	.0	4.0	.0	.0	24.5-	15.6	36.6
1.80	1.30-	.0	4.4	.0	.0	30.2-	14.0	33.0
1.90	1.30-	.0	4.9	.0	.0	35.3-	12.7	30.1
2.00	1.30-	.0	5.3	.0	.0	40.1-	12.1	28.0
2.20	1.30-	.0	5.9	.0	.0	49.5-	10.6	22.8
2.40	1.30-	.0	5.8	.0	.0	57.9-	8.6	18.7
2.60	1.30-	.0	5.9	.0	.0	64.4-	7.5	15.9
2.80	1.30-	.0	5.7	.0	.0	69.5-	6.7	13.9
3.00	1.30-	.0	5.5	.0	.0	73.2-	6.5	13.5
3.20	1.30-	.0	5.1	.0	.0	76.9-	4.8	11.6
3.60	1.30-	.0	4.3	.0	.0	82.3-	2.3	9.1
4.00	1.30-	.0	3.2	.0	.0	86.0-	1.7-	6.6
4.40	1.30-	.0	1.9	.0	.0	88.7-	6.2-	3.7
4.80	1.30-	.0	.0	.0	.0	89.3-	9.0-	3.0
1.00	1.50-	.0	.0	.0	.0	.0	139.1	114.5
1.10	1.50-	.0	.0	.0	.0	5.2	93.0	93.4
1.20	1.50-	.0	.4	.0	.0	1.4	60.2	75.0
1.30	1.50-	.0	.8	.0	.0	2.5-	42.2	64.0
1.40	1.50-	.0	1.4	.0	.0	7.2-	32.5	55.1
1.50	1.50-	.0	1.8	.0	.0	12.5-	24.0	48.0
1.60	1.50-	.0	2.1	.0	.0	18.3-	20.4	42.5
1.70	1.50-	.0	2.6	.0	.0	23.7-	18.3	38.2
1.80	1.50-	.0	3.1	.0	.0	28.6-	17.6	35.2
1.90	1.50-	.0	3.4	.0	.0	33.3-	16.7	32.7
2.00	1.50-	.0	3.7	.0	.0	37.7-	16.1	30.4
2.20	1.50-	.0	4.0	.0	.0	46.5-	13.9	25.6
2.40	1.50-	.0	4.3	.0	.0	54.4-	12.9	21.9
2.60	1.50-	.0	4.5	.0	.0	60.0-	12.4	19.4
2.80	1.50-	.0	4.3	.0	.0	64.3-	12.0	18.4
3.00	1.50-	.0	4.3	.0	.0	68.0-	11.4	17.5
3.20	1.50-	.0	4.1	.0	.0	71.5-	9.5	16.1
3.60	1.50-	.0	3.7	.0	.0	76.8-	6.2	14.1
4.00	1.50-	.0	2.9	.0	.0	80.4-	2.6	11.5
4.40	1.50-	.0	1.8	.0	.0	83.0-	2.1-	9.1
4.80	1.50-	.0	.0	.0	.0	83.6-	3.8-	8.5

1.00	1.70-	.0	.0	.0	.0	.0	138.5	114.5
1.10	1.70-	.0	.0	.0	.0	6.2	94.4	94.4
1.20	1.70-	.0	.0	.0	.0	3.4	62.6	77.4
1.30	1.70-	.0	.4	.0	.0	.8-	43.6	66.6
1.40	1.70-	.0	.8	.0	.0	6.0-	31.6	57.3
1.50	1.70-	.0	1.2	.0	.0	11.8-	24.1	49.9
1.60	1.70-	.0	1.5	.0	.0	17.6-	20.3	43.5
1.70	1.70-	.0	1.9	.0	.0	23.0-	17.7	39.7
1.80	1.70-	.0	2.0	.0	.0	28.0-	16.4	36.4
1.90	1.70-	.0	2.2	.0	.0	32.9-	15.3	33.6
2.00	1.70-	.0	2.4	.0	.0	37.2-	14.6	31.3
2.20	1.70-	.0	2.8	.0	.0	45.7-	13.4	26.5
2.40	1.70-	.0	3.1	.0	.0	53.3-	12.3	22.5
2.60	1.70-	.0	3.3	.0	.0	59.1-	11.1	20.0
2.80	1.70-	.0	3.3	.0	.0	63.9-	10.7	18.4
3.00	1.70-	.0	3.4	.0	.0	67.2-	10.4	17.6
3.20	1.70-	.0	3.3	.0	.0	70.6-	9.5	16.3
3.60	1.70-	.0	3.2	.0	.0	75.8-	7.2	14.3
4.00	1.70-	.0	2.6	.0	.0	79.5-	2.5	12.5
4.40	1.70-	.0	1.6	.0	.0	82.3-	2.3-	9.5
4.80	1.70-	.0	.0	.0	.0	83.2-	7.0-	9.1
1.00	1.90-	.0	.0	.0	.0	.0	140.6	114.5
1.10	1.90-	.0	.0	.0	.0	6.4	97.6	94.6
1.20	1.90-	.0	.0	.0	.0	3.7	64.0	77.7
1.30	1.90-	.0	.0	.0	.0	.5-	45.1	67.0
1.40	1.90-	.0	.2	.0	.0	5.5-	33.4	58.6
1.50	1.90-	.0	.5	.0	.0	10.9-	26.7	51.3
1.60	1.90-	.0	.9	.0	.0	16.2-	22.4	45.1
1.70	1.90-	.0	1.1	.0	.0	21.5-	20.3	41.9
1.80	1.90-	.0	1.4	.0	.0	26.3-	18.9	38.6
1.90	1.90-	.0	1.5	.0	.0	31.0-	18.5	35.7
2.00	1.90-	.0	1.6	.0	.0	34.9-	17.7	33.7
2.20	1.90-	.0	1.8	.0	.0	43.0-	16.5	29.3
2.40	1.90-	.0	2.1	.0	.0	50.3-	15.1	25.5
2.60	1.90-	.0	2.3	.0	.0	55.9-	14.9	22.9
2.80	1.90-	.0	2.4	.0	.0	60.6-	15.0	21.5
3.00	1.90-	.0	2.5	.0	.0	63.9-	15.2	20.6
3.20	1.90-	.0	2.6	.0	.0	67.3-	15.1	19.5
3.60	1.90-	.0	2.5	.0	.0	72.7-	11.9	17.3
4.00	1.90-	.0	2.1	.0	.0	76.7-	7.3	15.2
4.40	1.90-	.0	1.3	.0	.0	79.7-	2.8	12.1
4.80	1.90-	.0	.0	.0	.0	80.5-	5.8-	11.9
1.00	2.10-	.0	.0	.0	.0	.0	141.9	113.9
1.10	2.10-	.0	.0	.0	.0	6.4	96.6	94.6
1.20	2.10-	.0	.0	.0	.0	3.7	64.3	76.8
1.30	2.10-	.0	.0	.0	.0	.4-	44.7	66.8
1.40	2.10-	.0	.0	.0	.0	5.4-	33.8	58.5
1.50	2.10-	.0	.0	.0	.0	10.7-	26.8	51.6
1.60	2.10-	.0	.2	.0	.0	15.8-	22.7	46.4
1.70	2.10-	.0	.3	.0	.0	20.9-	20.7	42.6
1.80	2.10-	.0	.7	.0	.0	25.7-	19.5	39.4
1.90	2.10-	.0	.8	.0	.0	30.5-	18.6	36.4

2.00	2.10-	.0	1.0	.0	.0	34.7-	18.0	34.1
2.20	2.10-	.0	1.0	.0	.0	42.8-	16.6	29.5
2.40	2.10-	.0	1.2	.0	.0	50.0-	15.5	25.5
2.60	2.10-	.0	1.4	.0	.0	55.6-	15.2	22.9
2.80	2.10-	.0	1.4	.0	.0	60.2-	15.1	21.4
3.00	2.10-	.0	1.6	.0	.0	63.7-	15.0	20.8
3.20	2.10-	.0	1.7	.0	.0	67.2-	14.2	19.4
3.60	2.10-	.0	1.7	.0	.0	73.2-	10.6	16.7
4.00	2.10-	.0	1.6	.0	.0	77.7-	5.6	14.6
4.40	2.10-	.0	1.0	.0	.0	80.7-	.4	11.2
4.80	2.10-	.0	.0	.0	.0	81.5-	7.6-	10.6

1.00	2.30-	.0	.0	.0	.0	.0	143.1	112.2
1.10	2.30-	.0	.0	.0	.0	6.4	95.7	92.9
1.20	2.30-	.0	.0	.0	.0	3.7	64.5	76.4
1.30	2.30-	.0	.0	.0	.0	.3-	44.2	66.6
1.40	2.30-	.0	.0	.0	.0	5.4-	33.9	58.1
1.50	2.30-	.0	.0	.0	.0	10.6-	26.8	51.1
1.60	2.30-	.0	.0	.0	.0	15.6-	22.9	46.6
1.70	2.30-	.0	.0	.0	.0	20.4-	21.1	42.8
1.80	2.30-	.0	.0	.0	.0	25.0-	20.2	39.7
1.90	2.30-	.0	.0	.0	.0	29.7-	18.9	36.8
2.00	2.30-	.0	.1	.0	.0	34.0-	18.7	34.6
2.20	2.30-	.0	.3	.0	.0	42.1-	17.2	30.0
2.40	2.30-	.0	.4	.0	.0	49.2-	16.4	26.2
2.60	2.30-	.0	.4	.0	.0	54.8-	16.0	23.4
2.80	2.30-	.0	.4	.0	.0	59.3-	15.8	22.3
3.00	2.30-	.0	.4	.0	.0	62.7-	15.5	21.5
3.20	2.30-	.0	.5	.0	.0	66.2-	14.3	20.2
3.60	2.30-	.0	.5	.0	.0	71.9-	11.0	18.3
4.00	2.30-	.0	.8	.0	.0	76.2-	6.4	16.0
4.40	2.30-	.0	.6	.0	.0	79.7-	.0-	12.3
4.80	2.30-	.0	.0	.0	.0	80.8-	7.6-	11.3

1.00	2.50-	.0	.0	.0	.0	.0	145.2	110.6
1.10	2.50-	.0	.0	.0	.0	6.5	98.2	92.6
1.20	2.50-	.0	.0	.0	.0	3.9	65.7	75.3
1.30	2.50-	.0	.0	.0	.0	.1	45.6	65.8
1.40	2.50-	.0	.0	.0	.0	5.1-	34.7	57.3
1.50	2.50-	.0	.0	.0	.0	10.3-	27.5	50.9
1.60	2.50-	.0	.0	.0	.0	15.1-	23.7	46.1
1.70	2.50-	.0	.0	.0	.0	19.8-	22.0	42.9
1.80	2.50-	.0	.0	.0	.0	24.4-	20.9	39.5
1.90	2.50-	.0	.0	.0	.0	29.0-	20.0	37.1
2.00	2.50-	.0	.0	.0	.0	33.2-	19.1	34.7
2.20	2.50-	.0	.3-	.0	.0	41.5-	17.8	30.3
2.40	2.50-	.0	.4-	.0	.0	49.1-	16.2	25.9
2.60	2.50-	.0	.4-	.0	.0	55.1-	15.5	22.9
2.80	2.50-	.0	.6-	.0	.0	59.7-	15.1	21.8
3.00	2.50-	.0	.4-	.0	.0	63.6-	14.5	20.5
3.20	2.50-	.0	.3-	.0	.0	67.2-	13.1	19.5
3.60	2.50-	.0	.0	.0	.0	72.8-	10.2	17.7
4.00	2.50-	.0	.0	.0	.0	76.7-	5.5	15.8
4.40	2.50-	.0	.0	.0	.0	79.7-	.7-	13.1

4.80	2.50-	.0	.0	.0	.0	81.0-	8.2-	11.5
1.00	2.70-	.0	.0	.0	.0	.0	147.2	108.3
1.10	2.70-	.0	.0	.0	.0	6.6	100.6	91.0
1.20	2.70-	.0	.0	.0	.0	4.1	67.0	74.2
1.30	2.70-	.0	.0	.0	.0	.5	46.9	65.0
1.40	2.70-	.0	.0	.0	.0	4.7-	35.4	56.3
1.50	2.70-	.0	.0	.0	.0	9.9-	28.2	49.8
1.60	2.70-	.0	.0	.0	.0	14.7-	24.4	45.5
1.70	2.70-	.0	.0	.0	.0	19.3-	22.8	42.4
1.80	2.70-	.0	.0	.0	.0	24.0-	21.3	39.1
1.90	2.70-	.0	.2-	.0	.0	28.8-	20.6	36.4
2.00	2.70-	.0	.5-	.0	.0	33.2-	18.8	33.7
2.20	2.70-	.0	1.0-	.0	.0	41.9-	17.5	29.3
2.40	2.70-	.0	1.3-	.0	.0	50.0-	15.2	24.6
2.60	2.70-	.0	1.4-	.0	.0	56.4-	13.9	21.4
2.80	2.70-	.0	1.4-	.0	.0	61.4-	13.2	19.8
3.00	2.70-	.0	1.5-	.0	.0	65.8-	12.1	18.1
3.20	2.70-	.0	1.2-	.0	.0	70.0-	10.2	16.6
3.60	2.70-	.0	.3-	.0	.0	76.7-	6.3	13.8
4.00	2.70-	.0	.0	.0	.0	81.3-	.6	11.3
4.40	2.70-	.0	.0	.0	.0	83.3-	5.1-	9.8
4.80	2.70-	.0	.0	.0	.0	84.6-	12.2-	7.8
1.00	2.90-	.0	.0	.0	.0	.0	149.1	106.8
1.10	2.90-	.0	.0	.0	.0	6.6	100.4	88.2
1.20	2.90-	.0	.0	.0	.0	4.0	67.4	72.2
1.30	2.90-	.0	.0	.0	.0	.4	48.3	62.4
1.40	2.90-	.0	.0	.0	.0	4.9-	36.2	54.3
1.50	2.90-	.0	.0	.0	.0	10.2-	28.6	48.1
1.60	2.90-	.0	.0	.0	.0	14.9-	25.0	43.5
1.70	2.90-	.0	.0	.0	.0	19.7-	23.1	40.4
1.80	2.90-	.0	.3-	.0	.0	24.5-	21.9	37.4
1.90	2.90-	.0	.7-	.0	.0	29.3-	20.5	34.5
2.00	2.90-	.0	.9-	.0	.0	33.8-	18.2	31.3
2.20	2.90-	.0	1.6-	.0	.0	42.4-	17.3	27.6
2.40	2.90-	.0	2.2-	.0	.0	50.2-	15.2	23.7
2.60	2.90-	.0	2.6-	.0	.0	56.3-	14.2	20.9
2.80	2.90-	.0	2.7-	.0	.0	61.2-	13.3	19.6
3.00	2.90-	.0	2.6-	.0	.0	65.6-	12.4	18.0
3.20	2.90-	.0	2.4-	.0	.0	69.6-	10.5	17.0
3.60	2.90-	.0	1.4-	.0	.0	76.6-	5.8	14.3
4.00	2.90-	.0	.0	.0	.0	81.7-	.2-	11.4
4.40	2.90-	.0	.0	.0	.0	84.1-	6.2-	9.2
4.80	2.90-	.0	.0	.0	.0	85.3-	12.4-	8.0
1.00	3.10-	.0	.0	.0	.0	.0	150.9	102.6
1.10	3.10-	.0	.0	.0	.0	6.6	100.1	85.7
1.20	3.10-	.0	.0	.0	.0	3.8	67.9	68.7
1.30	3.10-	.0	.0	.0	.0	.2	49.8	59.1
1.40	3.10-	.0	.0	.0	.0	5.1-	37.0	51.1
1.50	3.10-	.0	.0	.0	.0	10.4-	28.9	45.1
1.60	3.10-	.0	.0	.0	.0	15.2-	25.6	40.7
1.70	3.10-	.0	.4-	.0	.0	20.0-	23.4	38.0

1.80	3.10-	.0	.6-	.0	.0	25.1-	22.3	23.4
1.90	3.10-	.0	1.3-	.0	.0	29.9-	20.3	31.8
2.00	3.10-	.0	1.8-	.0	.0	34.6-	17.5	29.4
2.20	3.10-	.0	2.4-	.0	.0	43.1-	16.9	25.5
2.40	3.10-	.0	2.5-	.0	.0	50.3-	15.2	22.5
2.60	3.10-	.0	3.2-	.0	.0	55.9-	14.9	20.6
2.80	3.10-	.0	3.4-	.0	.0	60.3-	14.1	20.1
3.00	3.10-	.0	3.4-	.0	.0	64.3-	13.7	19.0
3.20	3.10-	.0	3.3-	.0	.0	68.0-	11.9	18.5
3.60	3.10-	.0	2.2-	.0	.0	74.8-	6.9	16.6
4.00	3.10-	.0	.7-	.0	.0	81.0-	.0	12.7
4.40	3.10-	.0	.0	.0	.0	85.2-	7.6-	9.0
4.80	3.10-	.0	.0	.0	.0	86.7-	13.2-	7.1

.00	.00	22.5	.0	53.6	.0	133.0-	24.5-	.0
.10	.00	22.5	.0	53.4			12.7-	.0
.20	.00	22.5	.0	53.9			4.8	.0
.30	.00	22.5	.0	54.2			9.5	.0
.40	.00	22.5	.0	54.7	.0	138.9-	14.9	.0
.50	.00	22.5	.0	55.1		141.4-	17.1	.0
.60	.00	22.5	.0	55.8	.0	144.7-	14.4	.0
.70	.00	22.5	.0	56.6		150.0-	10.3	.0
.80	.00	22.5	.0	58.1	.0	158.9-	2.3-	.0
.90	.00	22.5	.0	55.4	.0	176.1-	33.2-	.0
.00	.10	22.5	.0	53.2	.0	131.6-	25.1-	.0
.10	.10	22.5	.1	53.2		125.4-	18.9-	
.20	.10	22.5	.3	53.2		116.9-	10.4-	
.30	.10	22.5	.7	53.2		114.5-	8.1-	
.40	.10	22.5	1.2	53.2	.2-	112.6-	6.2-	23.4
.50	.10	22.5	2.4	53.2		112.8-	6.3-	24.9
.60	.10	22.5	3.7	53.2	.8-	115.5-	9.1-	25.3
.70	.10	22.5	6.3	52.9		119.1-	13.3-	24.7
.80	.10	22.5	10.6	52.9	2.4	124.4-	22.2-	25.7
.90	.10	22.5	18.0	51.3	3.9	132.2-	39.9-	12.0
1.00	.10	22.5	16.1	44.3	11.9	135.5-	33.6-	22.9-
1.10	.10	22.5	12.7	44.1	9.6	124.8-	30.2-	18.7
1.20	.10	22.5	24.8	43.9	7.9	115.9-	34.1-	20.3
1.30	.10	22.5	26.9	44.5		109.1-	37.0-	11.9
1.40	.10	22.5	24.8	44.5	.6-	104.9-	37.8-	6.5
1.50	.10	22.5	24.0	44.7		102.5-	40.0-	5.3
1.60	.10	22.5	21.2	44.2	3.5-	102.0-	40.1-	2.0-
1.70	.10	22.5	17.6	44.5		102.3-	42.3-	5.4-
1.80	.10	22.5	16.3	43.8	6.2-	103.1-	41.7-	8.5-
1.90	.10	22.5	15.1	43.7		103.5-	42.3-	10.7-
2.00	.10	22.5	13.2	42.7	6.4-	103.9-	41.8-	11.9-
2.20	.10	22.5	11.2	42.5		104.6-	42.9-	14.6-
2.40	.10	22.5	9.4	41.5		105.5-	42.8-	17.0-
2.60	.10	22.5	7.7	40.7		106.5-	42.9-	19.3-
2.80	.10	22.5	6.8	39.8		106.8-	42.4-	20.6-
3.00	.10	22.5	6.0	38.9		108.1-	42.8-	22.8-
3.20	.10	22.5	5.9	38.0		108.9-	42.9-	25.3-

3.60	.10	22.5	3.6	36.3		109.6-	44.1-	26.9-
4.00	.10	22.5	2.1	34.6		110.1-	45.5-	29.1-
4.40	.10	22.5	1.4	33.0		110.9-	47.1-	30.1-
4.80	.10	22.5	1.4	32.0		110.9-	46.9-	31.0-
5.20	.10	22.5	1.3	31.6		111.4-	48.1-	34.1-
.00	.30	22.5	.0	51.6	.0	127.0-	23.8-	.5-
.10	.30	22.5	.2	51.7		127.5-	24.1-	
.20	.30	22.5	.8	51.2		127.9-	25.6-	
.30	.30	22.5	1.9	50.8		127.5-	25.9-	
.40	.30	22.5	3.3	50.2	1.6	127.6-	27.2-	.8-
.50	.30	22.5	5.5	49.7		128.0-	28.7-	2.7-
.60	.30	22.5	6.5	48.8	1.1	127.9-	30.3-	5.0-
.70	.30	22.5	9.8	47.6		128.0-	32.9-	11.9
.80	.30	22.5	9.1	46.1	1.8	127.9-	35.6-	12.5-
.90	.30	22.5	7.6	45.9	1.2	125.8-	37.1-	17.1-
1.00	.30	22.5	3.8	44.8	1.5	122.2-	32.5-	14.6-
1.10	.30	22.5	2.0	43.9	3.5	118.4-	27.4-	2.4-
1.20	.30	22.5	5.3	44.8	.4	113.5-	27.0-	8.6
1.30	.30	22.5	8.7	44.4		107.2-	24.3-	16.7
1.40	.30	22.5	10.6	44.7	6.5-	101.7-	23.9-	18.6
1.50	.30	22.5	13.5	44.5		97.4-	22.8-	19.6
1.60	.30	22.5	13.8	45.1	2.0-	93.9-	23.4-	16.5
1.70	.30	22.5	13.2	45.1		91.5-	23.6-	14.5
1.80	.30	22.5	12.9	44.5	1.7-	90.3-	23.3-	12.8
1.90	.30	22.5	12.5	43.5		89.6-	21.7-	10.3
2.00	.30	22.5	11.3	42.3	5.7-	89.1-	20.6-	8.5
2.20	.30	22.5	10.0	41.5		88.1-	20.8-	6.5
2.40	.30	22.5	8.9	40.5	1.9-	87.4-	19.4-	4.1
2.60	.30	22.5	6.4	40.1		87.0-	19.7-	3.4
2.80	.30	22.5	7.0	39.7	1.6	87.1-	20.4-	1.0
3.00	.30	22.5	5.4	38.7		87.3-	20.1-	.1
3.20	.30	22.5	5.2	37.6	2.2-	87.1-	19.3-	1.8-
3.60	.30	22.5	3.7	36.5	.8-	87.1-	21.3-	3.3-
4.00	.30	22.5	2.1	34.3	1.4-	87.4-	21.1-	5.7-
4.40	.30	22.5	1.4	32.6	1.5-	87.2-	22.0-	6.0-
4.80	.30	22.5	1.4	32.3	.3-	87.4-	22.8-	7.3-
5.20	.30	22.5	1.4	32.3	1.6-	87.3-	22.7-	9.9-
.00	.50	22.5	.0	48.6	.0	116.5-	19.2-	1.5-
.10	.50	22.5	.5	48.6		116.8-	19.5-	
.20	.50	22.5	1.2	48.2		116.7-	20.2-	
.30	.50	22.5	2.0	47.6		115.8-	20.6-	
.40	.50	22.5	3.0	47.2	1.0-	114.6-	20.2-	.2
.50	.50	22.5	3.9	46.4		111.5-	18.6-	1.0
.60	.50	22.5	3.8	45.5	.3-	108.3-	17.3-	1.5
.70	.50	22.5	4.5	44.8		105.4-	15.9-	22.1
.80	.50	22.5	3.7	44.0	1.6	101.8-	13.8-	3.0
.90	.50	22.5	1.8	44.4		98.7-	13.0-	4.7
1.00	.50	22.5	.0	44.1	.8-	96.4-	11.3-	8.0
1.10	.50	22.5	1.9-	43.0		94.5-	8.5-	14.3
1.20	.50	22.5	1.0	43.6	.8	93.2-	9.0-	19.6
1.30	.50	22.5	2.0	43.1		91.0-	7.6-	23.3
1.40	.50	22.5	4.0	43.3	2.1-	88.6-	7.9-	25.9

1.50	.50	22.5	6.0	43.3		86.2-	8.2-	28.0
1.60	.50	22.5	5.9	44.1	4.6-	83.5-	9.6-	27.9
1.70	.50	22.5	7.6	43.6		81.4-	8.2-	27.2
1.80	.50	22.5	7.4	43.2	3.8-	79.5-	7.0-	26.4
1.90	.50	22.5	7.4	42.6		77.9-	6.3-	26.7
2.00	.50	22.5	7.1	41.6	6.6-	76.8-	4.5-	24.6
2.20	.50	22.5	6.9	40.4		74.9-	4.6-	23.1
2.40	.50	22.5	6.7	40.0		73.6-	4.1-	21.6
2.60	.50	22.5	5.7	39.4		72.8-	4.3-	20.5
2.80	.50	22.5	5.5	38.9		72.4-	4.7-	17.9
3.00	.50	22.5	4.7	37.9		72.1-	3.9-	16.5
3.20	.50	22.5	3.8	37.4		72.0-	4.6-	15.2
3.60	.50	22.5	3.0	35.8		71.3-	4.5-	13.4
4.00	.50	22.5	1.4	34.1		70.9-	5.2-	11.5
4.40	.50	22.5	1.4	33.5		70.8-	6.0-	10.6
4.80	.50	22.5	1.4	32.0		71.1-	7.1-	9.2
5.20	.50	22.5	.7	32.0		71.0-	7.1-	6.7
.00	.70	22.5	.0	46.2	.0	107.5-	15.1-	2.6-
.10	.70	22.5	.6	46.2		107.0-	14.6-	
.20	.70	22.5	1.2	46.0		106.2-	14.2-	
.30	.70	22.5	1.7	45.6		105.9-	14.7-	
.40	.70	22.5	1.8	45.2	1.6	104.8-	14.5-	.4-
.50	.70	22.5	.9	44.7		102.2-	12.9-	.4
.60	.70	22.5	.9	43.9	.0	99.5-	11.7-	2.0
.70	.70	22.5	.0	43.5		96.9-	9.9-	24.0
.80	.70	22.5	.0	43.0	1.5	94.2-	8.2-	5.5
.90	.70	22.5	1.7-	43.4		91.9-	8.0-	8.0
1.00	.70	22.5	2.7-	43.3	3.8-	90.4-	6.8-	11.6
1.10	.70	22.5	1.8-	42.9		89.8-	6.9-	13.8
1.20	.70	22.5	1.8-	42.7	3.2-	89.7-	7.1-	16.0
1.30	.70	22.5	.9-	42.5		88.8-	6.8-	19.1
1.40	.70	22.5	1.0	42.1	1.1-	87.8-	6.6-	20.8
1.50	.70	22.5	1.0	42.4		86.4-	7.3-	22.3
1.60	.70	22.5	2.8	42.0	2.4-	84.7-	6.4-	23.6
1.70	.70	22.5	3.8	41.5		83.0-	5.6-	24.2
1.80	.70	22.5	3.7	41.7	5.3-	81.6-	6.5-	24.0
1.90	.70	22.5	4.6	41.2		80.6-	6.4-	23.5
2.00	.70	22.5	4.5	40.9	5.2-	79.7-	6.1-	22.8
2.20	.70	22.5	5.2	39.9		78.6-	6.7-	21.1
2.40	.70	22.5	5.1	39.5	3.9-	77.7-	6.5-	18.8
2.60	.70	22.5	4.1	39.1		77.1-	6.8-	17.0
2.80	.70	22.5	4.9	38.7	.5-	76.7-	7.0-	15.6
3.00	.70	22.5	3.9	38.3		75.9-	7.0-	14.1
3.20	.70	22.5	3.1	37.7	.2-	75.7-	7.8-	12.6
3.60	.70	22.5	3.0	36.3	.4	74.7-	7.0-	10.5
4.00	.70	22.5	1.5	34.6	.8-	74.1-	7.3-	9.0
4.40	.70	22.5	.7	34.3	4.0-	73.7-	7.5-	7.8
4.80	.70	22.5	1.4	33.3	1.0-	73.2-	6.5-	7.2
5.20	.70	22.5	.7	32.9	2.8-	72.7-	6.8-	5.7
.00	.90	22.5	.0	44.5		101.3-	12.3-	3.5-
.20	.90	22.5	.0	44.0		101.4-	13.3-	
.40	.90	22.5	.0	43.3		98.3-	11.8-	.6

.60	.90	22.5	.8-	42.6		91.5-	6.3-	5.5
.80	.90	22.5	2.6-	42.0		87.6-	3.7-	9.9
1.00	.90	22.5	2.6-	42.5		85.4-	3.4-	13.6
1.20	.90	22.5	2.7-	42.1		84.4-	3.1-	17.8
1.40	.90	22.5	1.8-	41.8		83.2-	2.4-	21.5
1.60	.90	22.5	.0	41.3		81.1-	1.4-	24.0
1.80	.90	22.5	1.8	41.3		78.9-	1.9-	24.5
2.00	.90	22.5	2.7	40.8		77.5-	1.5-	24.0
2.20	.90	22.5	3.5	39.7		75.9-	1.9-	23.3
2.40	.90	22.5	3.4	39.1		74.5-	1.6-	22.8
2.60	.90	22.5	4.1	38.6		73.5-	1.5-	21.1
2.80	.90	22.5	2.4	38.0		73.0-	2.0-	20.1
3.00	.90	22.5	3.2	37.6		72.2-	2.2-	19.0
3.20	.90	22.5	2.3	37.0		71.8-	2.8-	17.4
3.60	.90	22.5	1.5	35.1		70.7-	2.8-	15.5
4.00	.90	22.5	.7	33.9		69.7-	4.1-	13.7
4.40	.90	22.5	.0	33.4		68.6-	4.1-	12.9
4.80	.90	22.5	.7	32.5		68.1-	3.1-	11.8
5.20	.90	22.5	.0	32.3		66.9-	2.3-	11.8
.00	1.10	22.5	.0	43.9	.0	97.2-	9.4-	4.1-
.20	1.10	22.5	.8-	43.5		96.7-	9.7-	
.40	1.10	22.5	1.7-	42.7	1.8	95.7-	10.2-	.2
.60	1.10	22.5	2.5-	42.1		94.3-	10.0-	.4
.80	1.10	22.5	2.5-	41.7	.5	93.0-	9.7-	2.7
1.00	1.10	22.5	2.6-	41.4		93.0-	10.1-	4.5
1.20	1.10	22.5	3.5-	41.0	1.3-	92.6-	10.6-	6.5
1.40	1.10	22.5	2.7-	40.6		91.9-	10.6-	9.5
1.60	1.10	22.5	.9-	40.2	.1	91.3-	10.8-	11.1
1.80	1.10	22.5	.0	39.8		90.0-	10.4-	11.7
2.00	1.10	22.5	.9	39.3	3.5-	88.4-	9.9-	12.2
2.20	1.10	22.5	1.7	38.4		87.4-	10.6-	11.4
2.40	1.10	22.5	1.7	38.0	3.5-	86.4-	10.4-	10.0
2.60	1.10	22.5	2.5	37.6		85.2-	10.1-	9.7
2.80	1.10	22.5	2.4	37.0	1.9-	84.2-	10.3-	8.8
3.00	1.10	22.5	2.4	36.5		83.9-	10.9-	7.8
3.20	1.10	22.5	1.6	36.0	.2-	83.0-	11.0-	6.7
3.60	1.10	22.5	1.5	35.0	.2-	82.5-	12.4-	4.1
4.00	1.10	22.5	.0	34.2	1.4-	82.3-	13.9-	1.3
4.40	1.10	22.5	.0	34.1	3.9-	81.8-	13.7-	.4-
4.80	1.10	22.5	.0	34.0	3.4-	81.5-	13.5-	1.0-
5.20	1.10	22.5	.0	33.8	1.3-	81.1-	13.4-	2.1-
.00	1.30	22.5	.0	41.2		94.1-	11.6-	3.8-
.20	1.30	22.5	.8-	41.2		94.3-	11.9-	
.40	1.30	22.5	1.6-	40.8		94.1-	12.6-	.1-
.60	1.30	22.5	2.4-	40.7		93.5-	12.2-	.6-
.80	1.30	22.5	2.5-	40.3		93.3-	12.7-	.8
1.00	1.30	22.5	2.5-	40.3		93.1-	12.6-	2.8
1.20	1.30	22.5	3.4-	40.1		92.7-	12.6-	4.4
1.40	1.30	22.5	2.6-	39.8		92.7-	13.2-	6.3
1.60	1.30	22.5	1.7-	39.6		92.5-	13.4-	7.5
1.80	1.30	22.5	1.7-	39.2		91.8-	13.5-	8.0
2.00	1.30	22.5	.0	38.8		91.1-	13.4-	8.2

2.20	1.30	22.5	.9	38.1		90.5-	14.4-	7.6
2.40	1.30	22.5	.8	37.5		89.6-	14.5-	6.6
2.60	1.30	22.5	.8	37.0		88.7-	14.7-	6.2
2.80	1.30	22.5	1.6	36.6		87.7-	14.5-	5.4
3.00	1.30	22.5	.8	36.1		86.8-	14.7-	5.2
3.20	1.30	22.5	.8	35.4		85.8-	15.0-	4.4
3.60	1.30	22.5	.8	34.5		84.6-	15.6-	2.5
4.00	1.30	22.5	.0	33.3		83.8-	17.2-	.0
4.40	1.30	22.5	.0	33.1		83.8-	17.7-	2.4-
4.80	1.30	22.5	.0	33.0		84.0-	17.9-	3.4-
5.20	1.30	22.5	.0	33.0		84.2-	18.2-	4.9-
.00	1.50	22.5	.0	40.6	.0	91.7-	10.4-	3.4-
.20	1.50	22.5	.8-	40.1		89.8-	9.5-	
.40	1.50	22.5	1.6-	39.9	2.5	87.4-	7.6-	5.2
.60	1.50	22.5	2.4-	39.6		87.4-	8.2-	4.7
.80	1.50	22.5	2.4-	39.4	1.2	87.4-	8.7-	5.6
1.00	1.50	22.5	3.3-	39.3		87.1-	8.5-	7.2
1.20	1.50	22.5	3.3-	39.0	.1	86.7-	8.7-	9.1
1.40	1.50	22.5	2.5-	38.6		86.5-	9.2-	10.8
1.60	1.50	22.5	1.7-	38.3	1.7	86.3-	9.6-	11.4
1.80	1.50	22.5	1.7-	37.8		86.4-	10.8-	11.9
2.00	1.50	22.5	.0	37.4	.0	86.3-	11.5-	11.3
2.20	1.50	22.5	.0	36.7		85.7-	12.3-	11.2
2.40	1.50	22.5	.0	36.3	1.6-	84.9-	12.4-	11.0
2.60	1.50	22.5	.0	35.9		84.7-	12.9-	9.9
2.80	1.50	22.5	.8	35.4	.9-	84.3-	13.5-	8.9
3.00	1.50	22.5	.0	35.0		84.1-	14.1-	7.8
3.20	1.50	22.5	.0	34.7	.7-	83.8-	14.4-	6.7
3.60	1.50	22.5	.0	34.0	.0	83.1-	15.1-	4.1
4.00	1.50	22.5	.7-	33.2	2.7-	82.5-	16.1-	1.9
4.40	1.50	22.5	.0	32.7	1.4	81.3-	15.8-	.1
4.80	1.50	22.5	.0	33.2	1.4-	80.6-	14.2-	.0-
5.20	1.50	22.5	.0	34.0	2.7-	80.6-	12.7-	1.1-
.00	1.70	22.5	.0	40.8		90.4-	8.7-	2.7-
.20	1.70	22.5	.8-	40.4		89.5-	8.8-	
.40	1.70	22.5	1.6-	40.3		88.3-	7.6-	3.8
.60	1.70	22.5	2.4-	40.1		87.9-	7.6-	3.5
.80	1.70	22.5	2.4-	39.9		87.6-	7.7-	4.7
1.00	1.70	22.5	3.2-	39.6		87.3-	8.1-	5.2
1.20	1.70	22.5	3.3-	39.3		87.1-	8.5-	7.6
1.40	1.70	22.5	3.3-	39.0		86.7-	8.6-	8.8
1.60	1.70	22.5	1.7-	38.6		86.1-	8.8-	10.2
1.80	1.70	22.5	1.7-	38.4		85.6-	8.8-	10.8
2.00	1.70	22.5	.8-	37.9		84.9-	9.0-	11.7
2.20	1.70	22.5	1.7-	37.4		84.0-	9.2-	12.0
2.40	1.70	22.5	.0	37.0		83.6-	9.6-	11.8
2.60	1.70	22.5	.8-	36.6		83.1-	9.8-	11.0
2.80	1.70	22.5	.8	36.1		82.4-	10.3-	10.5
3.00	1.70	22.5	.0	35.8		82.1-	10.6-	9.7
3.20	1.70	22.5	.8-	35.2		81.7-	11.3-	8.6
3.60	1.70	22.5	.0	34.4		80.8-	11.9-	6.3
4.00	1.70	22.5	1.5-	33.1		79.7-	13.5-	4.7

4.40	1.70	22.5	1.4-	32.3		79.3-	14.8-	2.2
4.80	1.70	22.5	.0	31.9		78.2-	14.5-	2.3
5.20	1.70	22.5	.0	31.7		77.5-	14.0-	2.2
.00	1.90	22.5	.0	41.2	.0	89.4-	7.0-	2.0-
.40	1.90	22.5	1.6-	40.1	1.8	90.0-	9.8-	1.4
.80	1.90	22.5	2.4-	39.5	1.9	90.2-	11.2-	1.3
1.20	1.90	22.5	3.3-	38.9	1.5	89.3-	11.4-	3.8
1.60	1.90	22.5	2.5-	38.4	.9	88.9-	12.1-	5.7
2.00	1.90	22.5	1.7-	37.8	.2	87.7-	12.0-	7.4
2.40	1.90	22.5	.8-	37.0	1.4-	86.6-	12.7-	8.1
2.80	1.90	22.5	.0	36.1	.0	85.7-	13.5-	7.1
3.20	1.90	22.5	1.6-	35.2	.5-	84.9-	14.4-	5.3
3.60	1.90	22.5	1.5-	34.3	.5-	84.5-	16.0-	2.7
4.00	1.90	22.5	1.5-	33.4	.2	84.4-	17.6-	.1
4.40	1.90	22.5	1.4-	32.7	.9	84.3-	18.8-	2.3-
4.80	1.90	22.5	1.4-	32.3	1.8-	84.1-	19.6-	3.8-
5.20	1.90	22.5	.0	31.9	.0	84.2-	20.4-	5.1-
.00	2.30	22.5	.0	39.9	.0	87.7-	8.0-	1.0-
.40	2.30	22.5	1.6-	38.9	.5	87.4-	9.6-	3.2
.80	2.30	22.5	2.4-	38.1	1.2	86.5-	10.3-	3.6
1.20	2.30	22.5	2.4-	37.6	2.8	85.6-	10.4-	6.0
1.60	2.30	22.5	2.4-	36.7	1.6	85.0-	11.6-	7.9
2.00	2.30	22.5	1.6-	35.8	2.3	84.6-	13.1-	8.8
2.40	2.30	22.5	1.6-	35.1	1.3-	84.3-	14.0-	9.0
2.80	2.30	22.5	1.6-	34.4	.2	83.6-	14.8-	8.3
3.20	2.30	22.5	1.6-	33.8	.2	83.1-	15.4-	7.0
3.60	2.30	22.5	1.5-	33.4	1.0	83.5-	16.6-	4.1
4.00	2.30	22.5	1.5-	33.0	1.7	84.0-	18.0-	1.1
4.40	2.30	22.5	1.4-	32.8	4.5	84.2-	18.5-	1.8-
4.80	2.30	22.5	1.4-	31.5	2.4	84.2-	21.2-	3.9-
5.20	2.30	22.5	.0	30.7	2.6	83.7-	22.2-	7.2-
.00	2.70	22.5	.0	39.2	.0	86.2-	7.8-	.4-
.40	2.70	22.5	1.6-	38.4	.5	85.9-	9.1-	4.6
.80	2.70	22.5	2.3-	37.8	.6	85.7-	10.1-	3.8
1.20	2.70	22.5	2.4-	37.4	2.7	85.6-	10.9-	4.1
1.60	2.70	22.5	2.4-	36.8	1.5	85.4-	11.8-	6.0
2.00	2.70	22.5	1.6-	36.1	2.3	85.3-	13.0-	5.8
2.40	2.70	22.5	1.6-	35.7	1.7	85.1-	13.8-	6.5
2.80	2.70	22.5	1.6-	35.2	1.7	85.0-	14.7-	5.8
3.20	2.70	22.5	1.6-	34.6	2.4	85.0-	15.7-	4.6
3.60	2.70	22.5	.8-	34.1	3.1	85.1-	16.8-	3.0
4.00	2.70	22.5	1.5-	33.4	2.5	85.4-	18.5-	.9
4.40	2.70	22.5	1.4-	32.9	5.9	85.7-	19.9-	3.0-
4.80	2.70	22.5	1.4-	31.2	2.4	85.9-	23.5-	6.6-
5.20	2.70	22.5	1.3-	30.5	1.0-	85.4-	24.5-	10.5-
.00	3.10	22.5	.0	38.5	.0	85.0-	8.0-	.1
.40	3.10	22.5	1.6-	37.9	.1-	85.1-	9.2-	4.7
.80	3.10	22.5	1.6-	37.5	1.3	85.6-	10.6-	3.7
1.20	3.10	22.5	1.5-	37.2	3.3	86.1-	11.8-	2.1
1.60	3.10	22.5	2.3-	37.0	2.2	86.5-	12.6-	2.6

2.00	3.10	22.5	1.6-	36.5	2.8	86.9-	13.9-	2.7
2.40	3.10	22.5	1.6-	36.3	1.6	86.7-	14.2-	3.7
2.80	3.10	22.5	1.6-	35.9	1.0	86.5-	14.6-	3.2
3.20	3.10	22.5	1.6-	35.4	1.7	86.4-	15.6-	2.7
3.60	3.10	22.5	1.5-	34.8	2.6	86.3-	16.7-	1.9
4.00	3.10	22.5	1.5-	33.8	3.3	86.3-	18.7-	.2
4.40	3.10	22.5	1.5-	33.0	3.3	86.9-	20.9-	3.3-
4.80	3.10	22.5	1.4-	30.9	4.5	87.2-	25.4-	8.2-
5.20	3.10	22.5	1.3-	30.2	.2	87.1-	26.8-	14.8-
.00	3.50	22.5	.0	38.8	.0	83.5-	5.8-	.2
.40	3.50	22.5	.8-	38.4	.6	82.9-	6.0-	5.5
.80	3.50	22.5	1.5-	37.8	.7-	82.2-	6.5-	4.9
1.20	3.50	22.5	1.5-	37.4	1.3	81.9-	7.2-	4.8
1.60	3.50	22.5	1.5-	36.9	.1	81.8-	8.0-	5.4
2.00	3.50	22.5	1.5-	36.4	2.1	81.9-	9.1-	5.1
2.40	3.50	22.5	1.5-	36.1	.8	81.4-	9.1-	6.7
2.80	3.50	22.5	1.5-	35.7	.1	81.3-	9.9-	7.3
3.20	3.50	22.5	1.6-	35.4	.2	81.6-	10.9-	7.2
3.60	3.50	22.5	1.6-	35.0	1.1	82.3-	12.3-	6.6
4.00	3.50	22.5	1.5-	34.1	3.3	82.8-	14.5-	4.7
4.40	3.50	22.5	1.5-	33.2	4.7	83.6-	17.1-	1.6
4.80	3.50	22.5	1.4-	31.4	5.5	85.1-	22.4-	5.4-
5.20	3.50	22.5	1.2-	30.2	3.9	86.1-	25.6-	16.5-
.00	3.90	22.5	.0	38.3	.0	82.5-	5.9-	.4
.40	3.90	22.5	.0	38.2	.6	82.2-	5.9-	4.8
.80	3.90	22.5	1.5-	37.7	2.6-	81.8-	6.4-	4.0
1.20	3.90	22.5	1.5-	37.3	2.6-	81.7-	7.1-	3.4
1.60	3.90	22.5	1.5-	36.9	1.3-	81.5-	7.7-	3.9
2.00	3.90	22.5	1.5-	36.4	.6-	81.3-	8.4-	3.6
2.40	3.90	22.5	1.5-	36.0	.0	81.2-	9.2-	5.1
2.80	3.90	22.5	1.5-	35.5	.6-	81.4-	10.4-	6.2
3.20	3.90	22.5	.8-	35.1	.1	82.1-	11.8-	5.3
3.60	3.90	22.5	.8-	34.7	.1	82.9-	13.4-	5.2
4.00	3.90	22.5	1.5-	34.3	1.8	83.7-	15.0-	4.5
4.40	3.90	22.5	.0	33.9	7.5	84.8-	17.1-	2.4
4.80	3.90	22.5	.0	31.6	10.2	85.5-	22.3-	5.3-
5.20	3.90	22.5	1.2-	29.9	5.2	85.6-	25.8-	15.3-
.00	4.30	22.5	.0	37.8	.0	82.4-	6.8-	.5
.40	4.30	22.5	.0	37.9	.6	82.4-	6.6-	4.4
.80	4.30	22.5	1.5-	37.6	2.6-	82.5-	7.4-	3.1
1.20	4.30	22.5	.7-	37.2	1.3-	82.9-	8.6-	1.8
1.60	4.30	22.5	1.5-	36.9	2.6-	82.9-	9.1-	1.4
2.00	4.30	22.5	.7-	36.5	1.3-	83.0-	10.1-	1.7
2.40	4.30	22.5	.7-	35.8	1.3-	83.2-	11.5-	2.2
2.80	4.30	22.5	.0	35.2	.0	83.2-	12.8-	3.1
3.20	4.30	22.5	.0	34.9	1.4	83.7-	13.9-	3.2
3.60	4.30	22.5	.0	34.5	.0	83.8-	14.9-	3.6
4.00	4.30	22.5	.0	34.5	.0	84.3-	15.2-	3.6
4.40	4.30	22.5	.0	34.5	2.3	85.1-	16.0-	3.6
4.80	4.30	22.5	.0	31.9	11.6	84.2-	20.4-	3.4-
5.20	4.30	22.5	.0	29.6	11.3	82.8-	23.6-	12.4-

.00	4.80	22.5	.0	37.8	.0	81.6-	6.1-	.6
.40	4.80	22.5	.0	37.9	.0	83.0-	7.3-	.0
.80	4.80	22.5	.0	37.6	.0	83.0-	7.9-	.0
1.20	4.80	22.5	.0	37.2	.0	83.3-	9.0-	.0
1.60	4.80	22.5	.0	36.9	.0	83.4-	9.5-	.0
2.00	4.80	22.5	.0	36.5	.0	83.0-	10.1-	.0
2.40	4.80	22.5	.0	35.8	.0	83.9-	12.2-	.0
2.80	4.80	22.5	.0	35.2	.0	83.4-	12.9-	.0
3.20	4.80	22.5	.0	34.9	.0	83.0-	13.3-	.0
3.60	4.80	22.5	.0	34.5	.0	81.1-	12.2-	.0
4.00	4.80	22.5	.0	34.5	.0	79.6-	10.5-	.0
4.40	4.80	22.5	.0	34.5	.0	75.9-	6.9-	.0
4.80	4.80	22.5	.0	31.9	.0	71.8-	8.0-	.0
5.20	4.80	22.5	.0	29.6	.0	70.4-	11.2-	.0

1.00	.10-	22.5	.0	.0	21.5-	.0	89.6	74.1
1.10	.10-	22.5	35.9	30.1	11.3	3.0	57.3	47.8
1.20	.10-	22.5	38.0	38.0	2.1	.5-	50.7	63.3
1.30	.10-	22.5	34.9	41.6		4.5-	43.6	67.9
1.40	.10-	22.5	30.1	43.8	4.5-	8.8-	37.8	68.3
1.50	.10-	22.5	27.6	45.9		12.7-	30.1	66.1
1.60	.10-	22.5	24.4	46.2	4.0-	16.2-	26.9	61.9
1.70	.10-	22.5	20.6	45.0		18.4-	31.4	62.3
1.80	.10-	22.5	18.1	45.1	7.1-	19.9-	30.1	61.5
1.90	.10-	22.5	16.7	44.8		21.6-	30.1	61.1
2.00	.10-	22.5	13.5	44.4	6.2-	23.2-	30.2	60.2
2.20	.10-	22.5	12.6	43.5		25.8-	30.7	56.8
2.40	.10-	22.5	10.4	42.3	2.3-	28.0-	31.3	55.3
2.60	.10-	22.5	8.8	41.6		29.7-	30.8	53.2
2.80	.10-	22.5	6.6	40.7	4.3-	31.5-	29.9	51.8
3.00	.10-	22.5	5.8	39.9		33.1-	29.3	49.8
3.20	.10-	22.5	5.1	39.0	3.2-	34.1-	29.0	48.4
3.60	.10-	22.5	4.3	37.4	.7	35.3-	29.7	45.6
4.00	.10-	22.5	2.1	35.4	3.1-	35.3-	28.4	44.9
4.40	.10-	22.5	1.4	32.9	2.5-	35.3-	28.3	44.5
4.80	.10-	22.5	1.4	31.6	1.4-	35.0-	28.2	45.6
5.20	.10-	22.5	1.3	31.4	1.5-	35.3-	27.4	41.5

1.00	.30-	22.5	.0	.0	14.5-	.0	102.8	87.3
1.10	.30-	22.5	10.5	23.1	2.9-	.4	48.3	47.8
1.20	.30-	22.5	17.0	33.0	3.4	9.9-	16.7	30.6
1.30	.30-	22.5	21.3	39.2		20.7-	2.6-	23.5
1.40	.30-	22.5	22.6	42.6	1.9-	30.9-	14.4-	19.2
1.50	.30-	22.5	21.1	43.3		38.9-	12.5-	17.2
1.60	.30-	22.5	21.1	44.1	2.6-	45.3-	13.2-	14.9
1.70	.30-	22.5	19.1	44.6		50.5-	14.4-	15.7
1.80	.30-	22.5	17.6	44.5	3.8-	54.6-	14.9-	14.4
1.90	.30-	22.5	16.6	44.5		58.0-	14.6-	13.3
2.00	.30-	22.5	14.7	44.6	4.6-	60.8-	15.4-	12.2
2.20	.30-	22.5	12.5	43.6		65.4-	15.0-	11.6
2.40	.30-	22.5	9.8	42.9		69.4-	15.8-	9.5
2.60	.30-	22.5	8.5	41.9		72.8-	16.2-	7.0
2.80	.30-	22.5	7.1	41.5		75.2-	17.1-	5.1
3.00	.30-	22.5	6.4	40.1		76.3-	15.9-	4.0

3.20	.30-	22.5	5.0	39.2		77.6-	16.3-	3.1
3.60	.30-	22.5	4.2	37.5		80.0-	17.1-	.1-
4.00	.30-	22.5	3.5	35.3		80.6-	16.9-	.7-
4.40	.30-	22.5	2.1	33.0		79.2-	15.3-	.3-
4.80	.30-	22.5	1.4	31.7		79.1-	15.7-	.0-
5.20	.30-	22.5	1.3	30.7		80.3-	18.8-	3.2-
1.00	.50-	22.5	.0	.0	5.3-	.0	100.4	91.5
1.10	.50-	22.5	3.6	22.2		3.5	51.1	62.5
1.20	.50-	22.5	7.5	33.5	.2-	1.8-	22.6	44.5
1.30	.50-	22.5	11.3	39.9		9.6-	3.0	32.8
1.40	.50-	22.5	13.8	43.3	.8-	18.2-	10.6-	25.8
1.50	.50-	22.5	14.3	45.3		27.4-	13.1-	18.2
1.60	.50-	22.5	15.3	46.1	2.5-	35.6-	14.3-	17.3
1.70	.50-	22.5	15.3	46.5		43.0-	16.3-	14.4
1.80	.50-	22.5	14.3	46.2	2.8-	48.6-	16.8-	12.9
1.90	.50-	22.5	13.0	45.7		53.4-	16.4-	11.1
2.00	.50-	22.5	12.4	45.3	4.5-	57.3-	17.0-	10.8
2.20	.50-	22.5	11.0	44.7		63.5-	17.9-	8.2
2.40	.50-	22.5	9.2	43.6	3.9-	67.9-	17.5-	6.3
2.60	.50-	22.5	8.1	42.8		71.0-	17.4-	4.9
2.80	.50-	22.5	6.9	42.3	2.5-	73.7-	18.8-	4.2
3.00	.50-	22.5	6.9	40.7		76.1-	16.9-	2.4
3.20	.50-	22.5	5.5	39.9	1.7-	77.7-	17.6-	1.2
3.60	.50-	22.5	4.2	38.0	1.7-	79.8-	18.3-	.7-
4.00	.50-	22.5	4.1	35.5	1.5-	81.2-	19.5-	2.4-
4.40	.50-	22.5	2.8	33.9	1.3-	81.5-	20.3-	2.8-
4.80	.50-	22.5	1.4	32.0	2.0-	81.4-	19.6-	2.1-
5.20	.50-	22.5	1.3	30.2	4.0-	81.9-	21.6-	4.8-
1.00	.70-	22.5	.0	.0	3.8-	.0	91.0	91.9
1.10	.70-	22.5	1.1	21.5		3.9	49.9	67.1
1.20	.70-	22.5	3.6	29.8	1.6-	.1	20.6	51.5
1.30	.70-	22.5	5.8	35.3		7.1-	2.9	39.5
1.40	.70-	22.5	7.7	40.4	1.6-	15.4-	8.3-	29.1
1.50	.70-	22.5	9.0	43.6		23.4-	14.3-	20.9
1.60	.70-	22.5	10.0	45.5	1.7-	30.6-	13.0-	19.0
1.70	.70-	22.5	10.7	46.3		37.3-	15.9-	15.6
1.80	.70-	22.5	11.4	47.0	1.0-	42.9-	16.0-	13.3
1.90	.70-	22.5	10.7	46.4		47.9-	15.9-	11.0
2.00	.70-	22.5	10.2	46.1	1.9-	52.2-	16.8-	10.4
2.20	.70-	22.5	9.6	45.2		59.0-	16.9-	8.2
2.40	.70-	22.5	8.8	44.1		64.0-	17.1-	6.3
2.60	.70-	22.5	7.8	43.3		67.9-	17.8-	5.5
2.80	.70-	22.5	6.0	42.6		71.2-	18.0-	4.7
3.00	.70-	22.5	5.5	41.1		73.9-	16.5-	3.7
3.20	.70-	22.5	5.4	40.3		76.2-	17.7-	1.0
3.60	.70-	22.5	4.1	38.6		79.1-	18.8-	.7-
4.00	.70-	22.5	4.1	36.6		81.4-	20.0-	3.0-
4.40	.70-	22.5	3.4	34.6		83.8-	21.5-	5.4-
4.80	.70-	22.5	2.1	32.8		84.9-	21.4-	6.4-
5.20	.70-	22.5	1.3	31.4		85.2-	22.4-	8.4-
1.00	.90-	22.5	.0	.0	2.9-	.0	91.7	92.6

1.10	.90-	22.5	.0	23.5		4.5	49.8	70.7
1.20	.90-	22.5	1.9	33.2	1.7-	2.3	23.8	57.0
1.30	.90-	22.5	3.0	39.1		2.9-	6.7	46.3
1.40	.90-	22.5	4.2	42.6	1.1-	9.5-	3.5-	38.4
1.50	.90-	22.5	5.9	45.1		16.3-	10.0-	30.8
1.60	.90-	22.5	6.2	46.1	1.5-	22.9-	11.6-	26.5
1.70	.90-	22.5	7.9	46.6		29.1-	14.3-	22.3
1.80	.90-	22.5	7.8	46.5	1.6-	34.9-	15.1-	19.7
1.90	.90-	22.5	8.3	46.1		40.0-	15.2-	17.9
2.00	.90-	22.5	7.5	45.8	3.0-	44.5-	14.7-	15.8
2.20	.90-	22.5	7.4	44.9		51.7-	15.5-	12.7
2.40	.90-	22.5	6.7	44.1	1.2-	57.4-	16.3-	11.7
2.60	.90-	22.5	6.3	43.0		62.2-	16.4-	9.3
2.80	.90-	22.5	5.8	41.8	1.7-	65.5-	15.2-	8.3
3.00	.90-	22.5	5.3	40.8		67.9-	14.9-	7.6
3.20	.90-	22.5	5.4	40.1	1.0-	69.8-	15.7-	6.4
3.60	.90-	22.5	4.1	38.0	1.4-	72.6-	15.3-	4.6
4.00	.90-	22.5	3.4	36.0	1.3-	74.6-	16.3-	3.5
4.40	.90-	22.5	2.7	33.2	2.2-	77.1-	17.2-	.5
4.80	.90-	22.5	2.0	31.2	2.6-	79.1-	16.8-	1.0-
5.20	.90-	22.5	1.3	30.6	4.6-	80.1-	18.9-	3.2-
1.00	1.10-	22.5	.0	.0		.0	89.8	92.6
1.10	1.10-	22.5	.0	23.0		4.3	48.7	72.0
1.20	1.10-	22.5	.5	35.1		1.9	24.7	59.3
1.30	1.10-	22.5	1.8	42.4		3.5-	6.9	48.3
1.40	1.10-	22.5	2.6	46.4		10.1-	3.6-	40.1
1.50	1.10-	22.5	3.1	48.0		16.9-	10.1-	33.0
1.60	1.10-	22.5	4.4	49.2		23.5-	13.1-	26.0
1.70	1.10-	22.5	4.6	49.2		29.5-	13.9-	22.5
1.80	1.10-	22.5	5.3	49.0		35.1-	16.1-	19.8
1.90	1.10-	22.5	5.0	48.2		40.3-	14.4-	17.0
2.00	1.10-	22.5	5.2	47.8		44.9-	15.7-	14.4
2.20	1.10-	22.5	6.2	46.7		52.2-	16.4-	11.4
2.40	1.10-	22.5	5.3	45.3		57.9-	15.7-	9.6
2.60	1.10-	22.5	5.6	44.0		62.3-	15.6-	7.8
2.80	1.10-	22.5	5.1	42.5		65.6-	14.5-	6.5
3.00	1.10-	22.5	4.6	41.6		68.3-	14.3-	5.9
3.20	1.10-	22.5	4.6	40.7		70.7-	15.8-	4.4
3.60	1.10-	22.5	4.0	38.4		74.8-	17.0-	1.8
4.00	1.10-	22.5	3.4	36.4		77.0-	18.1-	.1
4.40	1.10-	22.5	3.4	33.8		78.2-	17.4-	.5-
4.80	1.10-	22.5	2.0	31.5		79.6-	16.6-	1.7-
5.20	1.10-	22.5	1.3	31.0		81.0-	19.1-	4.0-
1.00	1.30-	22.5	.0	.0	.0	.0	90.4	92.6
1.10	1.30-	22.5	.0	23.2		4.2	47.5	73.0
1.20	1.30-	22.5	.0	35.7	.8-	1.7	23.5	60.2
1.30	1.30-	22.5	.9	42.3		3.7-	6.7	50.0
1.40	1.30-	22.5	.9	46.1		10.4-	5.6-	41.8
1.50	1.30-	22.5	1.4	48.4		17.2-	12.1-	35.1
1.60	1.30-	22.5	2.7	49.6	.5-	23.9-	15.2-	27.6
1.70	1.30-	22.5	3.2	49.7		30.3-	16.3-	22.3
1.80	1.30-	22.5	3.9	49.5		36.1-	18.7-	19.2

1.90	1.30-	22.5	3.5	48.9		41.3-	16.9-	15.4
2.00	1.30-	22.5	4.2	48.6	.5-	45.9-	19.9-	13.3
2.20	1.30-	22.5	4.4	47.1		54.2-	19.8-	8.7
2.40	1.30-	22.5	4.1	45.8	2.6-	60.2-	19.4-	6.1
2.60	1.30-	22.5	4.3	44.6		64.2-	18.8-	5.4
2.80	1.30-	22.5	4.4	43.2	.6-	67.7-	17.9-	4.0
3.00	1.30-	22.5	3.8	42.1		70.6-	18.1-	2.5
3.20	1.30-	22.5	3.3	40.9	2.2-	73.1-	17.9-	1.8
3.60	1.30-	22.5	3.3	38.7	1.0-	76.7-	18.4-	.4-
4.00	1.30-	22.5	3.4	36.7	1.1-	78.7-	19.3-	1.5-
4.40	1.30-	22.5	3.4	34.2	.9-	80.0-	18.5-	2.9-
4.80	1.30-	22.5	1.3	32.1	3.8-	81.3-	19.4-	4.3-
5.20	1.30-	22.5	1.3	30.6	3.8-	82.5-	21.2-	5.7-
1.00	1.50-	22.5	.0	.0		.0	92.8	92.6
1.10	1.50-	22.5	.0	23.9		5.0	49.5	74.4
1.20	1.50-	22.5	.0	34.2		3.2	24.1	62.7
1.30	1.50-	22.5	.0	40.3		1.9-	5.1	52.3
1.40	1.50-	22.5	.5	44.3		8.1-	5.0-	45.2
1.50	1.50-	22.5	.9	46.6		14.3-	9.4-	38.5
1.60	1.50-	22.5	.9	47.7		20.5-	12.1-	31.8
1.70	1.50-	22.5	1.4	48.0		26.6-	14.8-	27.5
1.80	1.50-	22.5	2.0	48.0		32.2-	15.2-	23.6
1.90	1.50-	22.5	2.0	47.8		37.4-	17.1-	19.9
2.00	1.50-	22.5	2.1	47.3		42.1-	16.7-	17.6
2.20	1.50-	22.5	2.7	45.8		50.3-	17.0-	12.5
2.40	1.50-	22.5	3.5	44.4		56.8-	17.3-	9.0
2.60	1.50-	22.5	3.6	43.7		61.6-	19.0-	7.2
2.80	1.50-	22.5	3.7	42.3		65.6-	18.7-	5.3
3.00	1.50-	22.5	3.2	41.3		68.9-	19.2-	3.6
3.20	1.50-	22.5	2.6	40.7		71.6-	20.7-	2.3
3.60	1.50-	22.5	3.3	38.0		75.7-	20.4-	.5
4.00	1.50-	22.5	3.4	36.2		78.4-	21.9-	1.7-
4.40	1.50-	22.5	3.4	33.8		80.0-	23.3-	2.3-
4.80	1.50-	22.5	1.3	30.7		81.1-	21.8-	4.0-
5.20	1.50-	22.5	1.3	29.6		82.0-	22.9-	5.5-
1.00	1.70-	22.5	.0	.0	.0	.0	89.2	92.0
1.10	1.70-	22.5	.0	23.8		4.2	48.5	72.8
1.20	1.70-	22.5	.0	35.6	.0	2.0	23.7	61.8
1.30	1.70-	22.5	.0	42.7		2.7-	7.8	51.9
1.40	1.70-	22.5	.0	47.0		8.7-	3.8-	45.1
1.50	1.70-	22.5	.9	49.6		15.1-	9.9-	38.2
1.60	1.70-	22.5	.0	50.7	1.2-	21.2-	12.3-	32.5
1.70	1.70-	22.5	1.0	50.8		27.1-	12.8-	28.0
1.80	1.70-	22.5	.5	50.7		32.5-	14.6-	23.8
1.90	1.70-	22.5	1.0	50.3		37.4-	16.0-	20.5
2.00	1.70-	22.5	1.0	49.6	1.5-	41.6-	15.1-	18.2
2.20	1.70-	22.5	1.7	48.1		49.0-	14.0-	14.1
2.40	1.70-	22.5	2.3	46.6	.7-	55.0-	13.5-	9.9
2.60	1.70-	22.5	2.4	45.5		59.9-	15.5-	8.9
2.80	1.70-	22.5	2.5	43.8	.9	64.1-	15.5-	6.0
3.00	1.70-	22.5	2.5	43.2		67.6-	17.7-	5.0
3.20	1.70-	22.5	2.6	41.6	.2-	70.1-	18.1-	3.6

3.60	1.70-	22.5	2.7	38.7	1.1-	73.4-	17.1-	2.9
4.00	1.70-	22.5	3.4	36.6	.9-	75.6-	18.5-	1.2
4.40	1.70-	22.5	3.4	34.2	.9-	77.4-	20.1-	.1
4.80	1.70-	22.5	1.3	31.1	3.7-	78.3-	18.3-	1.3-
5.20	1.70-	22.5	1.3	29.6	5.7-	78.8-	19.5-	3.1-
1.00	1.90-	22.5	.0	.0		.0	96.1	90.9
1.10	1.90-	22.5	.0	24.3		4.4	49.7	72.8
1.20	1.90-	22.5	.0	35.8		1.9	23.8	61.1
1.30	1.90-	22.5	.0	42.6		3.1-	7.4	51.6
1.40	1.90-	22.5	.0	46.4		9.5-	4.6-	44.2
1.50	1.90-	22.5	.0	48.8		16.0-	10.9-	37.3
1.60	1.90-	22.5	.0	49.9		22.4-	13.7-	31.3
1.70	1.90-	22.5	.0	50.0		28.4-	14.3-	27.1
1.80	1.90-	22.5	.0	50.2		33.7-	16.0-	22.8
1.90	1.90-	22.5	1.0	49.9		38.4-	17.2-	19.9
2.00	1.90-	22.5	.5	48.9		42.7-	16.4-	17.3
2.20	1.90-	22.5	1.1	47.5		49.8-	15.2-	13.0
2.40	1.90-	22.5	1.1	45.5		55.6-	15.1-	9.8
2.60	1.90-	22.5	1.2	44.6		60.5-	17.0-	8.1
2.80	1.90-	22.5	1.8	43.6		64.6-	18.3-	5.5
3.00	1.90-	22.5	1.9	42.5		68.0-	18.9-	4.6
3.20	1.90-	22.5	2.6	41.3		70.7-	19.1-	3.1
3.60	1.90-	22.5	2.7	38.8		73.9-	17.5-	2.1
4.00	1.90-	22.5	3.4	36.8		76.5-	19.1-	1.0
4.40	1.90-	22.5	3.4	34.2		79.5-	22.1-	2.0-
4.80	1.90-	22.5	2.0	30.8		81.1-	21.6-	3.9-
5.20	1.90-	22.5	1.3	29.3		81.7-	23.2-	6.4-
1.00	2.10-	22.5	.0	.0	4.6	.0	96.2	90.3
1.10	2.10-	22.5	.0	24.4		4.5	49.9	72.7
1.20	2.10-	22.5	.0	35.6	2.4	2.1	23.8	60.5
1.30	2.10-	22.5	.0	42.4		2.9-	7.5	51.5
1.40	2.10-	22.5	.0	46.3		9.2-	4.3-	44.4
1.50	2.10-	22.5	.0	48.6		15.6-	10.5-	37.7
1.60	2.10-	22.5	.0	49.9	.5	21.8-	13.1-	31.9
1.70	2.10-	22.5	.0	50.1		27.6-	13.6-	27.5
1.80	2.10-	22.5	.0	50.4		32.8-	15.0-	23.4
1.90	2.10-	22.5	.5	50.0		37.6-	16.4-	20.7
2.00	2.10-	22.5	.5	49.2	.8	42.0-	15.6-	18.0
2.20	2.10-	22.5	.5	47.8		49.2-	14.5-	13.4
2.40	2.10-	22.5	.6	46.0	.8-	55.0-	14.1-	11.0
2.60	2.10-	22.5	.6	45.0		59.6-	15.8-	8.7
2.80	2.10-	22.5	.6	43.9	2.1	63.6-	16.9-	6.9
3.00	2.10-	22.5	1.3	43.0		66.9-	17.4-	4.8
3.20	2.10-	22.5	1.9	41.6	1.7	69.9-	17.9-	3.5
3.60	2.10-	22.5	2.0	39.2	.8-	74.3-	17.7-	1.9
4.00	2.10-	22.5	2.0	37.1	1.2-	77.4-	19.8-	.5
4.40	2.10-	22.5	2.7	34.5	.5-	80.4-	22.8-	2.1-
4.80	2.10-	22.5	2.0	30.9	3.7-	81.8-	22.6-	4.7-
5.20	2.10-	22.5	1.3	28.7	5.6-	81.8-	24.3-	7.4-
1.00	2.30-	22.5	.0	.0		.0	96.3	89.8
1.10	2.30-	22.5	.0	24.4		4.6	50.2	71.8

1.20	2.30-	22.5	.0	35.4		2.3	23.9	60.1
1.30	2.30-	22.5	.0	42.2		2.8-	6.1	51.4
1.40	2.30-	22.5	.0	46.2		9.0-	2.5-	43.7
1.50	2.30-	22.5	.0	48.5		15.2-	8.5-	38.1
1.60	2.30-	22.5	.0	50.0		21.3-	12.6-	31.9
1.70	2.30-	22.5	.0	50.2		27.1-	13.0-	27.8
1.80	2.30-	22.5	.0	50.5		32.3-	14.5-	24.6
1.90	2.30-	22.5	.0	50.0		37.2-	15.9-	20.9
2.00	2.30-	22.5	.0	49.6		41.6-	16.9-	18.5
2.20	2.30-	22.5	.0	48.1		49.2-	16.1-	13.8
2.40	2.30-	22.5	.0	46.6		55.2-	15.6-	10.0
2.60	2.30-	22.5	.0	45.5		60.0-	17.6-	8.3
2.80	2.30-	22.5	.6	44.2		64.1-	17.1-	6.7
3.00	2.30-	22.5	.6	43.6		67.4-	19.1-	4.6
3.20	2.30-	22.5	.6	41.9		70.5-	18.1-	3.4
3.60	2.30-	22.5	1.3	39.6		75.4-	19.9-	1.0
4.00	2.30-	22.5	2.0	37.5		78.6-	22.0-	.6-
4.40	2.30-	22.5	2.7	34.9		81.1-	24.6-	3.5-
4.80	2.30-	22.5	3.4	31.0		82.8-	24.9-	5.8-
5.20	2.30-	22.5	2.6	28.2		83.1-	26.6-	9.3-
1.00	2.50-	22.5	.0	.0	6.2	.0	95.3	88.9
1.10	2.50-	22.5	.0	24.4		4.4	50.4	69.5
1.20	2.50-	22.5	.0	36.1	4.9	1.9	24.1	58.9
1.30	2.50-	22.5	.0	43.0		3.3-	5.8	50.2
1.40	2.50-	22.5	.0	47.2		9.5-	2.9-	43.0
1.50	2.50-	22.5	.0	49.6		15.7-	8.7-	36.9
1.60	2.50-	22.5	.0	50.9	2.5	21.7-	12.8-	30.7
1.70	2.50-	22.5	.0	51.2		27.5-	13.1-	27.0
1.80	2.50-	22.5	.0	51.3		32.8-	14.7-	23.3
1.90	2.50-	22.5	.0	50.7		37.7-	16.1-	20.1
2.00	2.50-	22.5	.5-	50.3	1.6	42.1-	17.1-	17.8
2.20	2.50-	22.5	.5-	48.8		49.7-	16.2-	13.1
2.40	2.50-	22.5	.6-	47.2	.5	55.7-	15.7-	9.7
2.60	2.50-	22.5	.6-	46.1		60.5-	17.7-	7.7
2.80	2.50-	22.5	.0	44.7	2.0	64.9-	17.6-	5.6
3.00	2.50-	22.5	.0	43.9		68.7-	20.1-	3.5
3.20	2.50-	22.5	.0	42.2	.0	71.6-	19.0-	2.0
3.60	2.50-	22.5	.7	39.8	.8-	76.1-	20.5-	1.1
4.00	2.50-	22.5	1.4	37.5	.8-	79.4-	23.2-	1.0-
4.40	2.50-	22.5	2.1	34.6	1.1-	82.1-	26.0-	3.1-
4.80	2.50-	22.5	3.4	31.0	.9	85.0-	27.6-	7.4-
5.20	2.50-	22.5	3.2	27.9	.7-	86.6-	30.7-	13.4-
1.00	2.70-	22.5	.0	.0		.0	94.2	87.0
1.10	2.70-	22.5	.0	24.5		4.3	51.6	68.5
1.20	2.70-	22.5	.0	36.8		1.7	27.1	57.0
1.30	2.70-	22.5	.0	43.8		3.4-	7.4	48.5
1.40	2.70-	22.5	.0	48.1		9.5-	1.0-	41.8
1.50	2.70-	22.5	.0	50.6		15.4-	6.5-	35.1
1.60	2.70-	22.5	.0	51.8		21.2-	12.2-	29.7
1.70	2.70-	22.5	.0	52.1		27.2-	12.5-	26.4
1.80	2.70-	22.5	.5-	52.0		32.7-	14.4-	23.5
1.90	2.70-	22.5	1.0-	51.4		37.6-	15.7-	20.2

2.00	2.70-	22.5	1.0-	51.0		41.9-	16.5-	17.7
2.20	2.70-	22.5	1.1-	49.5		49.4-	17.3-	12.8
2.40	2.70-	22.5	1.1-	47.9		55.4-	16.7-	10.0
2.60	2.70-	22.5	1.2-	46.7		60.1-	18.5-	8.0
2.80	2.70-	22.5	1.2-	45.2		64.2-	18.2-	6.2
3.00	2.70-	22.5	.6-	44.2		68.0-	19.0-	4.1
3.20	2.70-	22.5	.0	42.7		71.1-	19.9-	2.8
3.60	2.70-	22.5	.0	40.2		76.3-	22.1-	1.1
4.00	2.70-	22.5	1.4	37.6		79.8-	25.2-	.9-
4.40	2.70-	22.5	1.4	34.4		82.4-	26.7-	3.2-
4.80	2.70-	22.5	3.4	31.0		85.1-	29.2-	7.3-
5.20	2.70-	22.5	3.3	27.7		86.7-	31.4-	12.3-
1.00	2.90-	22.5	.0	.0	8.4	.0	96.7	84.8
1.10	2.90-	22.5	.0	24.7		4.5	52.6	66.3
1.20	2.90-	22.5	.0	36.7	6.3	1.9	27.2	54.9
1.30	2.90-	22.5	.0	43.7		3.2-	7.5	46.0
1.40	2.90-	22.5	.0	47.9		9.4-	1.0-	39.7
1.50	2.90-	22.5	.0	50.1		15.4-	6.6-	33.1
1.60	2.90-	22.5	.0	51.3	1.5	21.4-	12.4-	28.1
1.70	2.90-	22.5	.9-	51.6		27.5-	13.0-	24.8
1.80	2.90-	22.5	.9-	51.5		33.1-	15.0-	21.1
1.90	2.90-	22.5	1.0-	51.0		38.1-	16.4-	18.2
2.00	2.90-	22.5	1.5-	50.6	1.1	42.4-	17.2-	16.0
2.20	2.90-	22.5	1.1-	49.4		50.1-	18.0-	11.8
2.40	2.90-	22.5	1.1-	47.8	1.8	56.2-	17.6-	8.9
2.60	2.90-	22.5	1.2-	46.5		61.1-	19.5-	6.2
2.80	2.90-	22.5	1.2-	45.2	.3	65.2-	19.2-	4.5
3.00	2.90-	22.5	1.3-	44.2		68.6-	19.6-	3.5
3.20	2.90-	22.5	1.3-	42.8	.2-	71.6-	20.2-	2.9
3.60	2.90-	22.5	.7-	40.4	1.2-	77.1-	22.6-	.3
4.00	2.90-	22.5	.7	37.9	.7	81.0-	25.9-	1.6-
4.40	2.90-	22.5	1.4	34.6	.1	83.4-	27.4-	3.8-
4.80	2.90-	22.5	3.4	31.2	1.0-	85.7-	29.6-	7.8-
5.20	2.90-	22.5	4.0	28.1	.6	87.4-	31.2-	11.5-
1.00	3.10-	22.5	.0	.0		.0	99.2	82.6
1.10	3.10-	22.5	.0	24.9		4.7	54.5	64.6
1.20	3.10-	22.5	.0	36.6		2.2	27.4	53.0
1.30	3.10-	22.5	.0	43.6		3.0-	7.7	44.8
1.40	3.10-	22.5	.0	47.7		9.3-	.9-	37.7
1.50	3.10-	22.5	.0	49.6		15.4-	6.7-	31.2
1.60	3.10-	22.5	.8-	50.7		21.5-	12.7-	26.7
1.70	3.10-	22.5	.9-	51.1		27.9-	13.5-	22.4
1.80	3.10-	22.5	1.8-	51.0		33.4-	15.4-	18.7
1.90	3.10-	22.5	1.4-	50.7		38.5-	16.9-	16.4
2.00	3.10-	22.5	1.5-	50.3		42.6-	17.5-	14.4
2.20	3.10-	22.5	1.6-	49.3		50.4-	18.4-	9.8
2.40	3.10-	22.5	1.7-	47.7		57.0-	18.5-	6.9
2.60	3.10-	22.5	1.8-	46.4		62.3-	19.1-	5.0
2.80	3.10-	22.5	1.8-	45.2		66.5-	20.5-	3.3
3.00	3.10-	22.5	1.3-	44.2		69.4-	20.5-	2.8
3.20	3.10-	22.5	1.3-	43.0		72.0-	20.3-	2.5
3.60	3.10-	22.5	1.4-	40.7		77.5-	22.7-	.2

4.00	3.10-	22.5	.7	38.2		81.8-	26.2-	1.8-
4.40	3.10-	22.5	1.4	34.8		84.0-	27.6-	4.1-
4.80	3.10-	22.5	3.5	31.3		85.8-	29.4-	6.6-
5.20	3.10-	22.5	4.0	28.5		87.5-	30.4-	10.9-
.00	.00	45.0	.0	75.7	.0	77.9-	78.0-	.0
.10	.00	45.0	.0	75.9			75.6-	.0
.20	.00	45.0	.0	76.0			71.4-	.0
.30	.00	45.0	.0	76.0			68.6-	.0
.40	.00	45.0	.0	75.7	.0	80.0-	66.1-	.0
.50	.00	45.0	.0	76.3		82.2-	65.3-	.0
.60	.00	45.0	.0	77.2	.0	84.5-	66.8-	.0
.70	.00	45.0	.0	78.5		89.4-	66.7-	.0
.80	.00	45.0	.0	78.9	.0	93.9-	67.7-	.0
.90	.00	45.0	.0	76.4	.0	106.7-	86.1-	.0
.00	.10	45.0	.0	75.3	.0	78.6-	78.6-	.0
.10	.10	45.0	.0	75.2		77.8-	77.8-	
.20	.10	45.0	.0	75.0		76.0-	76.0-	
.30	.10	45.0	.0	74.8		74.4-	74.4-	
.40	.10	45.0	.7	74.5	1.3-	73.5-	73.5-	8.1
.50	.10	45.0	1.4	74.5		73.5-	73.5-	9.1
.60	.10	45.0	3.0	74.5	.0	74.6-	74.6-	10.7
.70	.10	45.0	4.6	74.5		76.7-	76.7-	11.5
.80	.10	45.0	7.8	73.9	7.4-	80.4-	80.4-	8.2
.90	.10	45.0	14.6	71.6	10.6-	87.0-	89.5-	2.2-
1.00	.10	45.0	12.0	63.7	14.1-	90.4-	99.3-	36.4-
1.10	.10	45.0	6.1	59.6	6.2-	83.1-	85.2-	13.6-
1.20	.10	45.0	10.0	60.4	4.0-	77.8-	84.1-	8.2-
1.30	.10	45.0	10.4	61.6		74.4-	85.1-	10.1-
1.40	.10	45.0	9.3	62.5	.3	72.1-	83.0-	11.6-
1.50	.10	45.0	8.4	62.8		70.6-	81.6-	15.5-
1.60	.10	45.0	7.8	63.0	3.9	69.8-	80.8-	15.5-
1.70	.10	45.0	7.2	63.0		69.2-	80.3-	15.7-
1.80	.10	45.0	6.1	62.6	1.3	68.9-	79.9-	15.9-
1.90	.10	45.0	6.1	62.1		68.9-	79.7-	15.9-
2.00	.10	45.0	5.2	62.0	5.3	69.1-	77.7-	15.9-
2.20	.10	45.0	4.2	60.8		69.4-	77.9-	16.9-
2.40	.10	45.0	3.2	59.5		69.9-	78.3-	18.6-
2.60	.10	45.0	2.7	58.3		70.2-	78.4-	18.9-
2.80	.10	45.0	1.8	57.3		70.1-	76.1-	18.9-
3.00	.10	45.0	1.8	56.3		70.0-	73.9-	19.2-
3.20	.10	45.0	1.8	55.4		70.0-	73.8-	19.3-
3.60	.10	45.0	.9	53.8		70.3-	74.1-	20.1-
4.00	.10	45.0	.4	52.3		70.1-	71.9-	19.6-
4.40	.10	45.0	.0	51.2		70.0-	70.0-	19.5-
4.80	.10	45.0	.0	50.5		69.7-	69.7-	19.4-
5.20	.10	45.0	.0	49.8		69.3-	69.3-	19.6-
5.60	.10	45.0	.0	49.8		69.6-	69.6-	20.3-
6.00	.10	45.0	.9-	49.8		69.4-	69.4-	19.7-
6.40	.10	45.0	.9-	49.8		68.9-	68.9-	18.9-
.00	.30	45.0	.0	72.9	.0	76.2-	76.2-	.5-
.10	.30	45.0	.0	72.6		77.3-	77.3-	

.20	.30	45.0	.1	72.1		78.1-	78.1-	
.30	.30	45.0	.1	71.6		77.6-	77.6-	
.40	.30	45.0	2.0	71.2	1.3-	78.1-	78.1-	3.2-
.50	.30	45.0	3.3	70.5		78.5-	78.5-	3.2-
.60	.30	45.0	5.1	69.5	2.4-	78.5-	78.5-	5.4-
.70	.30	45.0	6.7	68.0		78.9-	81.3-	9.7-
.80	.30	45.0	7.3	66.6	4.3-	79.2-	86.1-	15.5-
.90	.30	45.0	7.2	64.8	5.4-	77.8-	84.6-	20.1-
1.00	.30	45.0	3.6	63.2	5.1-	74.9-	83.7-	23.3-
1.10	.30	45.0	.0	62.4	.0	72.7-	77.0-	18.2-
1.20	.30	45.0	.5	62.2	.9	70.6-	72.8-	9.4-
1.30	.30	45.0	1.7	62.0		67.5-	69.7-	3.8-
1.40	.30	45.0	2.8	62.2	.9	64.9-	67.1-	1.1-
1.50	.30	45.0	3.7	62.3		63.1-	67.4-	2.6-
1.60	.30	45.0	4.2	62.2	3.5	61.5-	65.8-	1.5-
1.70	.30	45.0	4.1	62.0		60.2-	64.5-	2.1-
1.80	.30	45.0	4.0	61.6	5.1	59.1-	63.4-	1.5-
1.90	.30	45.0	4.0	61.2		58.2-	62.5-	1.9-
2.00	.30	45.0	3.9	60.8	6.7	57.4-	61.7-	2.5-
2.20	.30	45.0	2.9	59.4		56.7-	62.9-	2.4-
2.40	.30	45.0	2.3	58.4	2.3	56.3-	62.4-	3.0-
2.60	.30	45.0	1.8	57.4		56.1-	60.2-	3.7-
2.80	.30	45.0	1.4	56.5	2.4	56.0-	59.9-	3.4-
3.00	.30	45.0	1.4	55.7		55.9-	59.8-	3.7-
3.20	.30	45.0	.9	54.8	1.5	55.6-	59.4-	4.3-
3.60	.30	45.0	.0	53.5	.0	54.8-	56.6-	3.6-
4.00	.30	45.0	.0	52.3	.0	53.9-	55.7-	3.3-
4.40	.30	45.0	.4-	51.5	2.4-	52.8-	52.8-	2.2-
4.80	.30	45.0	.9-	51.1	1.5-	52.3-	52.3-	1.4-
5.20	.30	45.0	.4-	51.0	.8-	51.4-	51.4-	1.6-
5.60	.30	45.0	.9-	51.0	3.2	50.3-	50.3-	.9-
6.00	.30	45.0	.9-	51.0	.1	49.6-	49.6-	.6
6.40	.30	45.0	.9-	51.0	1.7	49.6-	49.6-	.6
.00	.50	45.0	.0	68.8	.0	69.1-	69.1-	1.5-
.10	.50	45.0	.0	68.6		70.2-	70.2-	
.20	.50	45.0	.0	68.0		70.9-	70.9-	
.30	.50	45.0	.1	67.3		69.7-	69.7-	
.40	.50	45.0	2.3	66.5	2.3-	68.9-	68.9-	2.7-
.50	.50	45.0	2.3	65.7		67.9-	67.9-	2.4-
.60	.50	45.0	3.3	64.8	2.4-	67.0-	67.0-	3.9-
.70	.50	45.0	3.7	63.8		65.4-	65.4-	4.5-
.80	.50	45.0	2.9	62.7	2.7-	63.6-	65.8-	8.1-
.90	.50	45.0	1.9	61.8		61.8-	64.0-	7.9-
1.00	.50	45.0	.0	60.9	3.6	60.0-	64.3-	7.7-
1.10	.50	45.0	.9-	60.8		59.0-	61.1-	5.4-
1.20	.50	45.0	2.0-	60.7	2.1	58.4-	58.4-	1.8-
1.30	.50	45.0	1.6-	60.5		57.4-	57.4-	2.1
1.40	.50	45.0	.0	60.5	3.8	56.3-	56.3-	3.6
1.50	.50	45.0	.0	60.5		55.0-	57.1-	4.3
1.60	.50	45.0	1.1	60.3	1.8	53.6-	55.7-	6.7
1.70	.50	45.0	1.0	60.1		52.3-	54.4-	7.3
1.80	.50	45.0	1.5	59.8	2.6	51.2-	53.3-	6.9
1.90	.50	45.0	1.5	59.5		50.4-	52.4-	7.3

2.00	.50	45.0	2.0	59.2	1.6	49.5-	51.6-	7.6
2.20	.50	45.0	1.0	57.9		48.4-	50.4-	7.5
2.40	.50	45.0	1.4	57.0		47.7-	49.7-	6.9
2.60	.50	45.0	1.4	56.2		47.0-	49.0-	6.9
2.80	.50	45.0	.9	55.3		46.8-	48.7-	6.7
3.00	.50	45.0	.9	54.8		46.6-	48.5-	6.1
3.20	.50	45.0	.5	54.0		46.4-	48.3-	5.9
3.60	.50	45.0	.0	52.8		46.3-	46.3-	5.8
4.00	.50	45.0	.9-	51.7		45.8-	45.8-	5.0
4.40	.50	45.0	.4-	50.7		45.1-	45.1-	5.9
4.80	.50	45.0	.9-	50.1		44.9-	44.9-	6.2
5.20	.50	45.0	.9-	50.1		44.7-	44.7-	5.1
5.60	.50	45.0	.9-	50.0		44.2-	44.2-	5.8
6.00	.50	45.0	.9-	49.9		44.2-	44.2-	6.1
6.40	.50	45.0	.9-	47.8		44.4-	44.4-	6.0
.00	.70	45.0	.0	65.4	.0	62.9-	62.9-	2.6-
.10	.70	45.0	.0	65.4		63.0-	63.0-	
.20	.70	45.0	.0	65.1		62.6-	62.6-	
.30	.70	45.0	.0	64.3		61.2-	61.2-	
.40	.70	45.0	.5	63.8	4.9-	59.6-	59.6-	1.1-
.50	.70	45.0	1.0	63.2		58.1-	58.1-	.1
.60	.70	45.0	1.0	62.4	2.1-	57.2-	57.2-	1.4-
.70	.70	45.0	.5	61.9		55.9-	55.9-	2.1-
.80	.70	45.0	.0	61.5	.0	54.7-	54.7-	1.0-
.90	.70	45.0	.9-	61.1		53.7-	53.7-	2.7-
1.00	.70	45.0	.9-	60.4	5.5	53.0-	53.0-	.7-
1.10	.70	45.0	1.8-	60.1		52.3-	52.3-	.2
1.20	.70	45.0	2.9-	59.7	4.0	51.8-	51.8-	2.5
1.30	.70	45.0	3.0-	59.7		51.6-	51.6-	4.9
1.40	.70	45.0	2.5-	59.6	3.0	51.2-	51.2-	5.3
1.50	.70	45.0	2.0-	59.3		50.4-	50.4-	7.8
1.60	.70	45.0	1.5-	59.2	4.7	49.6-	49.6-	9.1
1.70	.70	45.0	1.0-	58.9		48.6-	48.6-	9.6
1.80	.70	45.0	.0	58.6	1.8	47.7-	47.7-	10.2
1.90	.70	45.0	.0	58.2		46.9-	46.9-	10.9
2.00	.70	45.0	.0	58.1	1.8	46.2-	46.2-	10.7
2.20	.70	45.0	.5	57.2		45.1-	45.1-	11.4
2.40	.70	45.0	.5	56.5	2.6	44.5-	44.5-	10.9
2.60	.70	45.0	.5	56.0		43.6-	43.6-	11.3
2.80	.70	45.0	.5	55.2	.8	43.2-	43.2-	10.9
3.00	.70	45.0	.5	54.8		43.0-	43.0-	10.0
3.20	.70	45.0	.5	53.9	.8	42.7-	42.7-	10.1
3.60	.70	45.0	.5-	52.9	.8-	42.1-	42.1-	10.1
4.00	.70	45.0	.9-	52.2	.1	41.7-	41.7-	9.8
4.40	.70	45.0	.9-	51.6	.1	41.2-	41.2-	10.0
4.80	.70	45.0	.9-	50.8	1.5-	40.2-	40.2-	10.8
5.20	.70	45.0	.9-	50.7	.1	39.6-	39.6-	10.7
5.60	.70	45.0	.9-	50.7	1.6	38.8-	38.8-	11.6
6.00	.70	45.0	.9-	50.7	1.5-	38.6-	38.6-	12.1
6.40	.70	45.0	.9-	49.0	1.8	38.8-	38.8-	12.0
.00	.90	45.0	.0	62.9		58.3-	58.3-	3.5-
.20	.90	45.0	.0	62.0		59.6-	59.6-	

.40	.90	45.0	.5-	61.1		59.5-	59.5-	5.6-
.60	.90	45.0	.9-	59.8		56.4-	56.4-	3.9-
.80	.90	45.0	.9-	59.2		55.2-	55.2-	4.0-
1.00	.90	45.0	1.8-	58.8		54.4-	54.4-	4.0-
1.20	.90	45.0	2.8-	58.6		53.5-	53.5-	.7-
1.40	.90	45.0	3.4-	58.4		53.3-	53.3-	1.6
1.60	.90	45.0	2.5-	58.1		52.8-	52.8-	3.7
1.80	.90	45.0	2.0-	57.8		51.9-	51.9-	4.7
2.00	.90	45.0	1.5-	57.5		50.7-	50.7-	6.3
2.20	.90	45.0	.5-	56.5		50.0-	50.0-	6.4
2.40	.90	45.0	.5-	55.9		49.2-	49.2-	5.5
2.60	.90	45.0	.0	55.2		48.4-	48.4-	6.4
2.80	.90	45.0	.0	54.6		47.8-	47.8-	6.4
3.00	.90	45.0	.0	53.9		47.3-	47.3-	6.4
3.20	.90	45.0	.0	53.3		46.9-	46.9-	6.4
3.60	.90	45.0	.9-	52.3		46.5-	46.5-	5.7
4.00	.90	45.0	.9-	51.2		46.4-	46.4-	6.0
4.40	.90	45.0	1.3-	50.2		46.3-	46.3-	5.2
4.80	.90	45.0	1.3-	49.8		45.7-	45.7-	5.3
5.20	.90	45.0	1.3-	49.6		44.7-	44.7-	6.1
5.60	.90	45.0	1.3-	49.3		44.0-	44.0-	6.3
6.00	.90	45.0	1.3-	49.3		42.8-	42.8-	7.6
6.40	.90	45.0	1.3-	49.3		41.8-	41.8-	9.0
.00	1.10	45.0	.0	62.1	.0	55.6-	55.6-	4.1-
.20	1.10	45.0	.0	61.4		56.8-	56.8-	
.40	1.10	45.0	.9-	60.1	1.6-	57.5-	57.5-	6.0-
.60	1.10	45.0	1.8-	59.3		56.0-	56.0-	5.3-
.80	1.10	45.0	1.8-	58.6	3.7	55.2-	55.2-	4.4-
1.00	1.10	45.0	2.6-	58.3		54.5-	54.5-	4.3-
1.20	1.10	45.0	2.7-	57.9	3.9	54.1-	54.1-	1.8-
1.40	1.10	45.0	3.3-	57.4		53.9-	53.9-	.3-
1.60	1.10	45.0	2.9-	56.8	3.8	53.5-	53.5-	2.1
1.80	1.10	45.0	2.4-	56.2		53.0-	53.0-	2.5
2.00	1.10	45.0	2.0-	55.5	1.8	52.5-	52.5-	4.0
2.20	1.10	45.0	1.5-	55.0		51.9-	51.9-	3.9
2.40	1.10	45.0	1.4-	54.3	1.0	51.0-	51.0-	4.1
2.60	1.10	45.0	.9-	53.6		50.1-	50.1-	4.2
2.80	1.10	45.0	1.0-	53.1	1.8	49.1-	49.1-	5.4
3.00	1.10	45.0	.9-	52.6		48.5-	48.5-	5.3
3.20	1.10	45.0	.5-	52.1	2.6	47.6-	47.6-	5.9
3.60	1.10	45.0	.9-	51.2	1.7	46.8-	46.8-	5.6
4.00	1.10	45.0	.9-	50.4	1.7	46.5-	46.5-	5.5
4.40	1.10	45.0	1.4-	49.9	.9	45.8-	45.8-	5.8
4.80	1.10	45.0	2.3-	49.7	.7-	45.4-	45.4-	6.0
5.20	1.10	45.0	1.3-	49.3	2.3-	44.9-	44.9-	5.8
5.60	1.10	45.0	1.8-	49.0	1.5-	44.3-	44.3-	6.0
6.00	1.10	45.0	1.8-	48.6	.2	43.6-	43.6-	6.7
6.40	1.10	45.0	1.3-	48.3	1.0	43.2-	43.2-	7.2
.00	1.30	45.0	.0	58.3		53.5-	53.5-	3.8-
.20	1.30	45.0	.0	57.9		52.4-	52.4-	
.40	1.30	45.0	1.8-	57.5		51.3-	51.3-	.1
.60	1.30	45.0	1.3-	57.0		51.5-	51.5-	1.4-

.80	1.30	45.0	2.2-	56.7	51.1-	51.1-	.4-	
1.00	1.30	45.0	3.0-	56.4	50.4-	50.4-	.8-	
1.20	1.30	45.0	2.8-	56.0	49.8-	49.8-	3.0	
1.40	1.30	45.0	3.8-	55.7	49.3-	49.3-	4.2	
1.60	1.30	45.0	2.9-	55.4	48.7-	48.7-	6.3	
1.80	1.30	45.0	2.9-	55.1	47.9-	47.9-	7.9	
2.00	1.30	45.0	2.4-	54.5	47.3-	47.3-	8.4	
2.20	1.30	45.0	2.9-	54.0	46.7-	46.7-	8.5	
2.40	1.30	45.0	1.9-	53.4	45.9-	45.9-	8.8	
2.60	1.30	45.0	1.9-	52.9	45.3-	45.3-	9.2	
2.80	1.30	45.0	1.4-	53.4	44.8-	44.8-	9.7	
3.00	1.30	45.0	1.9-	51.9	44.3-	44.3-	9.3	
3.20	1.30	45.0	1.9-	51.4	43.7-	43.7-	10.2	
3.60	1.30	45.0	1.4-	50.6	42.7-	42.7-	10.2	
4.00	1.30	45.0	1.4-	50.1	41.7-	41.7-	10.9	
4.40	1.30	45.0	1.8-	49.4	40.7-	40.7-	11.2	
4.80	1.30	45.0	1.8-	49.1	40.7-	40.7-	10.8	
5.20	1.30	45.0	1.8-	48.8	40.9-	40.9-	10.0	
5.60	1.30	45.0	1.8-	48.8	40.4-	40.4-	10.0	
6.00	1.30	45.0	1.7-	48.0	40.1-	40.1-	9.8	
6.40	1.30	45.0	1.3-	47.6	40.0-	40.0-	10.4	
.00	1.50	45.0	.0	57.4	.0	51.7-	51.7-	3.4-
.20	1.50	45.0	.1-	56.7		50.7-	50.7-	
.40	1.50	45.0	1.8-	56.5	2.0	49.2-	49.2-	.9
.60	1.50	45.0	1.7-	56.0		48.4-	48.4-	1.5
.80	1.50	45.0	2.6-	55.8	2.1	47.8-	47.8-	2.6
1.00	1.50	45.0	3.1-	55.7		47.5-	47.5-	3.0
1.20	1.50	45.0	3.2-	55.0	1.2	47.6-	47.6-	4.3
1.40	1.50	45.0	3.2-	54.9		47.7-	47.7-	5.0
1.60	1.50	45.0	3.8-	54.2	2.0	47.6-	47.6-	5.9
1.80	1.50	45.0	3.4-	53.6		47.0-	47.0-	8.0
2.00	1.50	45.0	2.9-	53.4	1.9	46.7-	46.7-	8.1
2.20	1.50	45.0	2.9-	52.9		46.6-	46.6-	8.2
2.40	1.50	45.0	2.4-	52.2	1.0	46.7-	46.7-	8.1
2.60	1.50	45.0	1.9-	51.8		46.5-	46.5-	7.7
2.80	1.50	45.0	1.9-	51.5	.1	46.3-	46.3-	7.9
3.00	1.50	45.0	1.9-	50.9		46.2-	46.2-	7.4
3.20	1.50	45.0	1.9-	50.5	.1	46.2-	46.2-	7.3
3.60	1.50	45.0	1.8-	50.0	.1	46.4-	46.4-	6.4
4.00	1.50	45.0	1.8-	49.6	.1	45.9-	45.9-	6.6
4.40	1.50	45.0	1.8-	49.1	.1	45.0-	45.0-	7.2
4.80	1.50	45.0	1.8-	49.0	.1	44.9-	44.9-	6.7
5.20	1.50	45.0	1.8-	48.9	.1	44.8-	44.8-	6.1
5.60	1.50	45.0	2.2-	48.8	.7-	44.4-	44.4-	6.1
6.00	1.50	45.0	1.8-	48.7	.2	44.1-	44.1-	6.0
6.40	1.50	45.0	1.7-	48.5	1.9	44.0-	44.0-	5.8
.00	1.70	45.0	.0	57.8		50.7-	50.7-	2.7-
.20	1.70	45.0	.1-	57.3		53.6-	53.6-	
.40	1.70	45.0	1.7-	56.6		56.8-	56.8-	7.2-
.60	1.70	45.0	2.2-	56.1		56.2-	56.2-	6.9-
.80	1.70	45.0	2.6-	55.7		56.0-	56.0-	5.8-
1.00	1.70	45.0	3.1-	55.4		55.9-	55.9-	5.5-

1.20	1.70	45.0	2.7-	54.9	55.7-	55.7-	3.9-	
1.40	1.70	45.0	3.2-	54.5	55.6-	55.6-	3.8-	
1.60	1.70	45.0	3.7-	54.0	55.5-	55.5-	3.1-	
1.80	1.70	45.0	3.3-	53.6	55.2-	55.2-	1.4-	
2.00	1.70	45.0	2.8-	53.1	55.0-	55.0-	.8-	
2.20	1.70	45.0	2.8-	52.5	54.7-	54.7-	1.0-	
2.40	1.70	45.0	2.8-	52.2	54.3-	54.3-	.5-	
2.60	1.70	45.0	2.4-	51.8	53.9-	53.9-	.3	
2.80	1.70	45.0	1.9-	51.5	53.3-	53.3-	.6	
3.00	1.70	45.0	2.3-	51.0	52.8-	52.8-	.6	
3.20	1.70	45.0	1.9-	50.8	52.3-	52.3-	.7	
3.60	1.70	45.0	1.8-	50.3	51.7-	51.7-	1.1	
4.00	1.70	45.0	2.3-	49.7	51.1-	51.1-	1.8	
4.40	1.70	45.0	2.3-	49.1	50.3-	50.3-	1.9	
4.80	1.70	45.0	1.8-	49.0	49.3-	49.3-	2.4	
5.20	1.70	45.0	2.2-	48.6	48.7-	48.7-	1.8	
5.60	1.70	45.0	2.2-	48.3	48.6-	48.6-	2.0	
6.00	1.70	45.0	1.8-	47.5	48.6-	48.6-	1.5	
6.40	1.70	45.0	1.8-	46.9	47.9-	47.9-	2.3	
.00	1.90	45.0	.0	58.3	.0	50.2-	50.2-	2.0-
.40	1.90	45.0	1.7-	56.4	.3	46.9-	46.9-	2.5
.80	1.90	45.0	2.6-	55.0	2.1	43.0-	43.0-	6.8
1.20	1.90	45.0	2.7-	54.1	1.9	43.0-	43.0-	8.2
1.60	1.90	45.0	3.7-	53.2	.3	42.5-	42.5-	9.7
2.00	1.90	45.0	2.8-	52.8	.2	42.5-	42.5-	10.7
2.40	1.90	45.0	2.8-	52.5	.2	42.0-	42.0-	11.3
2.80	1.90	45.0	2.3-	52.3	.7-	41.7-	41.7-	11.8
3.20	1.90	45.0	2.3-	51.9	.7-	41.4-	41.4-	11.6
3.60	1.90	45.0	2.3-	51.6	.7-	41.1-	41.1-	11.5
4.00	1.90	45.0	2.3-	51.0	.8-	40.8-	40.8-	12.0
4.40	1.90	45.0	2.7-	50.2	3.1-	40.4-	40.4-	11.8
4.80	1.90	45.0	2.7-	49.8	.1	40.0-	40.0-	11.8
5.20	1.90	45.0	2.2-	49.8	.7-	39.9-	39.9-	11.2
5.60	1.90	45.0	2.2-	49.8	.7-	39.6-	39.6-	11.0
6.00	1.90	45.0	2.2-	49.8	.6-	39.4-	39.4-	11.0
6.40	1.90	45.0	2.7-	49.8	.3	39.1-	39.1-	11.4
.00	2.30	45.0	.0	56.4	.0	49.1-	49.1-	1.0-
.40	2.30	45.0	1.3-	55.0	2.6	48.9-	48.9-	.4
.80	2.30	45.0	2.2-	53.8	1.2	48.0-	48.0-	1.5
1.20	2.30	45.0	2.6-	52.6	.3	47.1-	47.1-	3.1
1.60	2.30	45.0	2.7-	51.3	.3	46.7-	46.7-	4.1
2.00	2.30	45.0	2.7-	50.3	.2	46.5-	46.5-	5.6
2.40	2.30	45.0	2.8-	49.8	1.5-	46.6-	46.6-	5.9
2.80	2.30	45.0	2.3-	49.4	1.0	46.8-	46.8-	5.8
3.20	2.30	45.0	3.2-	49.0	.6-	46.7-	46.7-	5.8
3.60	2.30	45.0	2.8-	48.9	.1	46.3-	46.3-	6.4
4.00	2.30	45.0	2.8-	48.9	.1	46.2-	46.2-	6.2
4.40	2.30	45.0	2.7-	48.9	1.5-	46.3-	46.3-	5.8
4.80	2.30	45.0	2.3-	48.5	.9	46.4-	46.4-	5.2
5.20	2.30	45.0	2.2-	48.1	.9	46.6-	46.6-	4.4
5.60	2.30	45.0	2.7-	47.7	.1	46.6-	46.6-	4.0
6.00	2.30	45.0	2.2-	47.3	.6-	46.3-	46.3-	3.8

6.40	2.30	45.0	2.6-	47.0	1.2-	46.1-	46.1-	3.0
.00	2.70	45.0	.0	55.4	.0	48.3-	48.3-	.4-
.40	2.70	45.0	1.3-	54.2	1.0	47.6-	47.6-	1.4
.80	2.70	45.0	1.7-	53.2	.3	46.6-	46.6-	3.0
1.20	2.70	45.0	2.6-	52.5	.3	46.2-	46.2-	4.2
1.60	2.70	45.0	2.7-	51.6	1.4-	45.9-	45.9-	5.1
2.00	2.70	45.0	3.1-	50.8	.6-	45.3-	45.3-	5.6
2.40	2.70	45.0	2.7-	50.2	.2	45.1-	45.1-	6.1
2.80	2.70	45.0	2.7-	49.9	1.4-	45.2-	45.2-	6.3
3.20	2.70	45.0	3.2-	49.3	2.2-	45.0-	45.0-	6.6
3.60	2.70	45.0	2.7-	49.1	.2	44.7-	44.7-	7.2
4.00	2.70	45.0	2.7-	49.1	.1	44.5-	44.5-	7.6
4.40	2.70	45.0	2.7-	49.0	1.5-	44.5-	44.5-	7.4
4.80	2.70	45.0	2.7-	48.8	1.5-	44.3-	44.3-	6.9
5.20	2.70	45.0	2.7-	48.4	.1	44.2-	44.2-	6.6
5.60	2.70	45.0	2.6-	47.8	.1	44.1-	44.1-	6.3
6.00	2.70	45.0	2.6-	47.2	1.9	44.1-	44.1-	5.6
6.40	2.70	45.0	2.5-	46.7	.5	43.9-	43.9-	4.2
.00	3.10	45.0	.0	54.4	.0	47.5-	47.5-	.1
.40	3.10	45.0	1.3-	53.3	1.0	46.7-	46.7-	2.4
.80	3.10	45.0	1.7-	52.6	.2	45.6-	45.6-	3.6
1.20	3.10	45.0	2.2-	52.3	.6-	45.6-	45.6-	4.1
1.60	3.10	45.0	2.6-	51.9	4.5-	45.7-	45.7-	4.2
2.00	3.10	45.0	3.1-	51.3	.5-	45.4-	45.4-	4.6
2.40	3.10	45.0	2.6-	50.6	1.4-	45.2-	45.2-	4.7
2.80	3.10	45.0	2.7-	50.3	1.4-	45.2-	45.2-	5.5
3.20	3.10	45.0	3.1-	49.6	2.2-	45.0-	45.0-	5.8
3.60	3.10	45.0	2.7-	49.3	1.5-	44.8-	44.8-	6.6
4.00	3.10	45.0	2.3-	49.3	.7-	44.4-	44.4-	7.3
4.40	3.10	45.0	2.7-	49.2	1.5-	44.2-	44.2-	7.2
4.80	3.10	45.0	2.7-	49.1	1.5-	44.4-	44.4-	6.6
5.20	3.10	45.0	2.7-	48.7	.1	44.6-	44.6-	6.0
5.60	3.10	45.0	2.7-	48.0	1.5-	44.8-	44.8-	5.8
6.00	3.10	45.0	2.6-	47.1	.3	45.4-	45.4-	4.6
6.40	3.10	45.0	2.6-	46.3	2.0	45.8-	45.8-	3.0
.00	3.50	45.0	.0	54.9	.0	46.5-	46.5-	.2
.40	3.50	45.0	1.3-	54.1	.6-	46.1-	46.1-	2.2
.80	3.50	45.0	1.7-	53.1	1.4-	44.6-	44.6-	4.3
1.20	3.50	45.0	1.7-	52.7	1.3-	42.9-	42.9-	5.2
1.60	3.50	45.0	2.1-	52.2	.6-	42.6-	42.6-	6.1
2.00	3.50	45.0	2.6-	51.3	2.9-	42.6-	42.6-	6.4
2.40	3.50	45.0	2.6-	50.7	1.3-	42.5-	42.5-	6.8
2.80	3.50	45.0	2.6-	50.4	.2	42.4-	42.4-	7.4
3.20	3.50	45.0	2.2-	50.4	2.2-	42.6-	42.6-	7.3
3.60	3.50	45.0	2.2-	49.8	.6-	42.7-	42.7-	7.4
4.00	3.50	45.0	2.2-	49.5	.7-	42.6-	42.6-	7.6
4.40	3.50	45.0	1.8-	49.4	1.5-	42.7-	42.7-	7.7
4.80	3.50	45.0	1.8-	49.7	.1	43.3-	43.3-	7.2
5.20	3.50	45.0	2.2-	49.3	.7-	44.1-	44.1-	6.5
5.60	3.50	45.0	1.8-	49.7	.1	45.1-	45.1-	5.2
6.00	3.50	45.0	1.8-	49.7	1.8	47.2-	47.2-	2.8

6.40	3.50	45.0	2.6-	45.2	.4	50.7-	50.7-	2.0-
.00	3.90	45.0	.0	54.2	.0	45.7-	45.7-	.4
.40	3.90	45.0	1.2-	54.0	.6-	44.9-	44.9-	2.5
.80	3.90	45.0	1.7-	53.2	1.3-	43.4-	43.4-	4.0
1.20	3.90	45.0	1.6-	52.6	.3	42.2-	42.2-	4.5
1.60	3.90	45.0	2.1-	52.0	1.0	41.7-	41.7-	5.9
2.00	3.90	45.0	2.1-	51.3	.6-	41.6-	41.6-	6.2
2.40	3.90	45.0	2.5-	50.6	1.3-	42.0-	42.0-	5.7
2.80	3.90	45.0	2.1-	50.0	2.5	42.6-	42.6-	5.1
3.20	3.90	45.0	1.7-	49.7	.1	42.8-	42.8-	5.0
3.60	3.90	45.0	1.7-	49.4	.1	42.8-	42.8-	5.5
4.00	3.90	45.0	1.7-	49.2	1.4-	42.9-	42.9-	5.7
4.40	3.90	45.0	.8-	49.4	1.6	43.1-	43.1-	5.4
4.80	3.90	45.0	.9-	50.0	1.6	43.5-	43.5-	5.6
5.20	3.90	45.0	1.7-	50.2	1.4-	44.0-	44.0-	5.1
5.60	3.90	45.0	.9-	50.8	1.6	45.2-	45.2-	5.4
6.00	3.90	45.0	.9-	50.5	1.7	47.4-	47.4-	2.1
6.40	3.90	45.0	1.7-	44.2	1.8	51.8-	51.8-	2.1-
.00	4.30	45.0	.0	53.4	.0	45.1-	45.1-	.5
.40	4.30	45.0	.8-	53.8	.2	43.9-	43.9-	1.8
.80	4.30	45.0	1.6-	53.3	1.3-	42.6-	42.6-	4.1
1.20	4.30	45.0	1.6-	52.5	1.8	42.7-	42.7-	4.2
1.60	4.30	45.0	1.6-	51.9	1.8	42.6-	42.6-	3.4
2.00	4.30	45.0	1.7-	51.3	.2	43.0-	43.0-	4.5
2.40	4.30	45.0	1.6-	50.4	1.8	44.2-	44.2-	2.3
2.80	4.30	45.0	1.6-	49.6	1.7	45.6-	45.6-	.6
3.20	4.30	45.0	1.6-	49.1	.2	46.3-	46.3-	.1-
3.60	4.30	45.0	1.2-	49.0	.9	46.7-	46.7-	.5-
4.00	4.30	45.0	1.2-	49.0	.8	47.0-	47.0-	.6-
4.40	4.30	45.0	.0	49.4	1.5	47.2-	47.2-	1.0-
4.80	4.30	45.0	.4-	50.3	.7-	47.1-	47.1-	.3-
5.20	4.30	45.0	.0	51.1	.0	47.1-	47.1-	.9
5.60	4.30	45.0	.0	52.0	1.5	47.6-	47.6-	2.5
6.00	4.30	45.0	.0	51.3	1.6	49.7-	49.7-	1.3-
6.40	4.30	45.0	.0	43.2	8.1	54.2-	54.2-	8.1-
.00	4.80	45.0	.0	53.4	.0	43.1-	43.1-	.6
.40	4.80	45.0	.0	53.8	.0	44.4-	44.4-	.0
.80	4.80	45.0	.0	53.3	.0	45.4-	45.4-	.0
1.20	4.80	45.0	.0	52.5	.0	44.2-	44.2-	.0
1.60	4.80	45.0	.0	51.9	.0	44.1-	44.1-	.0
2.00	4.80	45.0	.0	51.3	.0	46.4-	46.4-	.0
2.40	4.80	45.0	.0	50.4	.0	44.5-	44.5-	.0
2.80	4.80	45.0	.0	49.6	.0	44.2-	44.2-	.0
3.20	4.80	45.0	.0	49.1	.0	44.1-	44.1-	.0
3.60	4.80	45.0	.0	49.0	.0	43.6-	43.6-	.0
4.00	4.80	45.0	.0	49.0	.0	43.1-	43.1-	.0
4.40	4.80	45.0	.0	49.4	.0	42.8-	42.8-	.0
4.80	4.80	45.0	.0	50.3	.0	42.1-	42.1-	.0
5.20	4.80	45.0	.0	51.1	.0	41.6-	41.6-	.0
5.60	4.80	45.0	.0	52.0	.0	41.1-	41.1-	.0
6.00	4.80	45.0	.0	51.3	.0	36.6-	36.6-	.0

6.40	4.80	45.0	.0	43.2	.0	33.1-	33.1-	.0
1.00	.10-	45.0	.0	.0	28.5-	.0	19.6-	36.3
1.10	.10-	45.0	21.6	37.1	7.8-	2.3-	40.1-	10.1
1.20	.10-	45.0	19.7	50.3	3.0-	5.3-	41.9-	23.3
1.30	.10-	45.0	16.5	58.8		8.3-	35.4-	29.7
1.40	.10-	45.0	14.0	61.8	3.4	10.7-	36.9-	30.8
1.50	.10-	45.0	11.7	63.4		12.2-	34.6-	31.9
1.60	.10-	45.0	10.1	64.1	5.0	13.6-	36.3-	29.7
1.70	.10-	45.0	8.9	64.3		14.7-	35.1-	31.6
1.80	.10-	45.0	7.6	63.9	2.4	15.7-	33.6-	31.2
1.90	.10-	45.0	6.5	63.5		16.4-	32.0-	32.0
2.00	.10-	45.0	5.6	62.9	6.1	17.1-	32.6-	31.2
2.20	.10-	45.0	4.3	61.6		18.5-	31.5-	30.0
2.40	.10-	45.0	3.5	60.4	4.3	20.0-	30.6-	29.2
2.60	.10-	45.0	3.5	59.3		20.9-	29.2-	28.5
2.80	.10-	45.0	2.6	58.2	2.8	21.4-	29.5-	28.2
3.00	.10-	45.0	2.6	57.4		21.5-	27.5-	28.2
3.20	.10-	45.0	.9	56.4	.2-	21.7-	27.7-	27.7
3.60	.10-	45.0	.9	54.7	.1-	22.4-	26.2-	26.9
4.00	.10-	45.0	.4	53.2	.8	22.7-	24.5-	26.9
4.40	.10-	45.0	.0	51.9	.0	23.0-	23.0-	27.6
4.80	.10-	45.0	.0	51.1	.0	23.4-	23.4-	26.1
5.20	.10-	45.0	.4-	50.5	.8-	23.9-	23.9-	25.9
5.60	.10-	45.0	.9-	50.4	1.7	24.0-	24.0-	25.7
6.00	.10-	45.0	.0	50.4	.0	23.8-	23.8-	25.8
6.40	.10-	45.0	.9-	50.4	3.3	23.0-	23.0-	26.4
1.00	.30-	45.0	.0	.0	5.4-	.0	17.6-	22.9
1.10	.30-	45.0	3.5	25.6	1.7-	5.6-	56.8-	4.7
1.20	.30-	45.0	7.3	45.9	.6	14.8-	67.8-	.8-
1.30	.30-	45.0	9.0	55.9		23.1-	72.9-	1.7-
1.40	.30-	45.0	9.7	61.6	5.9	30.4-	72.8-	3.8-
1.50	.30-	45.0	10.0	64.3		35.8-	72.7-	3.7-
1.60	.30-	45.0	10.0	65.8	7.4	39.9-	70.3-	5.3-
1.70	.30-	45.0	8.9	65.9		43.1-	71.1-	4.9-
1.80	.30-	45.0	8.2	66.1	4.0	45.5-	68.8-	4.8-
1.90	.30-	45.0	7.0	65.2		47.2-	67.9-	4.2-
2.00	.30-	45.0	6.3	64.5	4.0	48.6-	66.7-	4.8-
2.20	.30-	45.0	4.0	63.0		50.7-	66.1-	4.9-
2.40	.30-	45.0	2.9	61.5		52.2-	65.1-	5.3-
2.60	.30-	45.0	2.5	60.1		53.2-	61.6-	5.0-
2.80	.30-	45.0	2.5	58.8		54.1-	62.3-	5.7-
3.00	.30-	45.0	2.1	57.7		55.0-	63.0-	6.5-
3.20	.30-	45.0	1.3	56.7		55.8-	61.7-	7.4-
3.60	.30-	45.0	.9	54.8		56.5-	62.2-	7.6-
4.00	.30-	45.0	.4	53.4		56.9-	60.7-	7.2-
4.40	.30-	45.0	.0	52.1		56.5-	58.4-	6.6-
4.80	.30-	45.0	.9-	52.0		55.3-	55.3-	5.7-
5.20	.30-	45.0	.4-	50.6		55.0-	55.0-	6.2-
5.60	.30-	45.0	.4-	50.4		54.3-	54.3-	5.2-
6.00	.30-	45.0	.0	50.3		53.4-	53.4-	4.4-
6.40	.30-	45.0	.4-	48.1		53.5-	53.5-	4.3-
1.00	.50-	45.0	.0	.0	.8-	.0	22.1-	22.9

1.10	.50-	45.0	1.0	25.6		3.0-	60.0-	12.7
1.20	.50-	45.0	2.7	45.6	2.2	7.7-	69.2-	7.4
1.30	.50-	45.0	3.9	57.0		14.1-	72.2-	5.3
1.40	.50-	45.0	5.1	63.4	5.7	20.8-	72.1-	1.9
1.50	.50-	45.0	5.6	66.4		26.0-	71.7-	1.9
1.60	.50-	45.0	6.0	67.8	3.9	30.6-	69.5-	1.0-
1.70	.50-	45.0	6.2	67.9		34.4-	68.2-	.4-
1.80	.50-	45.0	6.0	67.3	5.3	37.4-	68.5-	.7-
1.90	.50-	45.0	5.5	66.7		40.0-	68.3-	1.6-
2.00	.50-	45.0	5.7	66.4	6.6	42.1-	65.5-	2.0-
2.20	.50-	45.0	4.2	64.6		44.9-	63.1-	1.9-
2.40	.50-	45.0	3.5	62.8	2.7	46.6-	62.1-	2.1-
2.60	.50-	45.0	2.8	61.2		48.2-	61.1-	1.9-
2.80	.50-	45.0	2.5	59.9	1.0	49.5-	60.0-	1.9-
3.00	.50-	45.0	1.6	58.8		50.6-	58.8-	3.4-
3.20	.50-	45.0	1.2	57.6	2.2	51.3-	59.4-	3.9-
3.60	.50-	45.0	.8	55.6	1.5	52.3-	58.1-	4.1-
4.00	.50-	45.0	.4	53.7	.7	52.8-	56.6-	3.8-
4.40	.50-	45.0	.0	52.4	.0	53.1-	54.9-	3.5-
4.80	.50-	45.0	.4-	51.1	.7-	52.7-	52.7-	3.2-
5.20	.50-	45.0	.4-	50.4	2.3-	52.2-	52.2-	3.4-
5.60	.50-	45.0	.0	50.3	.0	52.1-	52.1-	2.9-
6.00	.50-	45.0	.0	48.8	1.6	52.0-	52.0-	3.1-
6.40	.50-	45.0	.0	47.4	1.6	52.0-	52.0-	3.1-
1.00	.70-	45.0	.0	.0	.8	.0	39.3-	20.8
1.10	.70-	45.0	.9-	26.6		2.9-	64.2-	14.6
1.20	.70-	45.0	.3	46.2	1.9	6.4-	71.0-	11.6
1.30	.70-	45.0	1.6	57.5		12.2-	73.3-	8.1
1.40	.70-	45.0	3.3	63.9	7.3	18.0-	72.3-	4.9
1.50	.70-	45.0	3.3	67.2		23.1-	72.0-	1.4
1.60	.70-	45.0	3.3	69.1	5.6	27.3-	69.6-	1.2-
1.70	.70-	45.0	3.9	69.3		31.0-	68.1-	.3
1.80	.70-	45.0	4.3	68.7	5.7	34.0-	68.3-	.3
1.90	.70-	45.0	3.8	68.4		36.7-	65.7-	.5-
2.00	.70-	45.0	4.0	67.6	3.5	39.2-	65.5-	1.4-
2.20	.70-	45.0	3.6	65.9		43.0-	63.9-	2.6-
2.40	.70-	45.0	3.0	64.3		45.8-	61.6-	2.9-
2.60	.70-	45.0	2.3	62.7		48.0-	61.1-	3.5-
2.80	.70-	45.0	2.0	60.9		49.3-	62.1-	3.3-
3.00	.70-	45.0	1.6	59.6		50.5-	60.9-	4.0-
3.20	.70-	45.0	1.2	58.5		51.2-	59.4-	4.0-
3.60	.70-	45.0	.8	56.4		52.6-	58.5-	5.0-
4.00	.70-	45.0	.4	54.4		53.6-	57.4-	5.8-
4.40	.70-	45.0	.4	53.3		54.0-	55.9-	5.1-
4.80	.70-	45.0	.0	52.1		53.8-	53.8-	4.8-
5.20	.70-	45.0	.0	51.4		53.0-	53.0-	4.6-
5.60	.70-	45.0	.0	51.0		52.7-	52.7-	4.0-
6.00	.70-	45.0	.0	50.4		52.4-	52.4-	3.2-
6.40	.70-	45.0	.0	49.6		52.2-	52.2-	3.5-
1.00	.90-	45.0	.0	.0	1.7	.0	33.3-	20.0
1.10	.90-	45.0	1.2-	24.1		2.8-	62.3-	14.3
1.20	.90-	45.0	.7-	43.9	.2	6.4-	72.5-	12.6

1.30	.90-	45.0	.0	55.5		12.2-	76.3-	9.7
1.40	.90-	45.0	.8	62.0	7.8	18.0-	75.8-	5.5
1.50	.90-	45.0	1.1	66.1		23.7-	74.4-	1.0
1.60	.90-	45.0	1.5	67.7	4.2	28.4-	75.0-	.5-
1.70	.90-	45.0	2.1	68.6		32.3-	71.6-	2.0-
1.80	.90-	45.0	2.9	68.0	5.1	35.4-	71.8-	2.0-
1.90	.90-	45.0	2.5	67.7		38.2-	69.5-	2.9-
2.00	.90-	45.0	2.6	66.8	4.5	40.7-	69.1-	4.1-
2.20	.90-	45.0	2.4	65.1		44.7-	67.6-	5.2-
2.40	.90-	45.0	2.2	63.0	3.8	47.7-	65.4-	6.2-
2.60	.90-	45.0	2.3	61.1		50.1-	65.1-	6.4-
2.80	.90-	45.0	1.5	59.3	1.0	51.6-	66.2-	7.7-
3.00	.90-	45.0	1.6	58.2		53.0-	65.3-	7.8-
3.20	.90-	45.0	.8	56.9	1.9-	54.1-	64.0-	8.2-
3.60	.90-	45.0	.4	54.6	.7	55.7-	63.4-	9.0-
4.00	.90-	45.0	.4	52.8	.7	56.9-	62.4-	9.5-
4.40	.90-	45.0	.0	51.4	.0	57.6-	61.2-	8.9-
4.80	.90-	45.0	.4	50.4	.7	58.2-	58.2-	9.4-
5.20	.90-	45.0	.0	49.7	3.1	58.1-	58.1-	9.9-
5.60	.90-	45.0	.0	49.9	.0	58.4-	58.4-	10.0-
6.00	.90-	45.0	.0	49.9	.0	58.4-	58.4-	9.4-
6.40	.90-	45.0	.0	49.9	.0	58.9-	58.9-	9.9-
1.00	1.10-	45.0	.0	.0		.0	46.9-	17.1
1.10	1.10-	45.0	.9-	27.2		3.9-	71.1-	13.7
1.20	1.10-	45.0	1.3-	46.7		8.0-	78.4-	11.1
1.30	1.10-	45.0	.8-	59.0		13.8-	81.9-	8.6
1.40	1.10-	45.0	.9-	65.0		19.5-	82.9-	5.2
1.50	1.10-	45.0	.5-	68.9		25.2-	80.9-	1.1
1.60	1.10-	45.0	.0	71.1		29.8-	78.8-	2.3-
1.70	1.10-	45.0	.5	71.3		33.0-	76.7-	2.2-
1.80	1.10-	45.0	1.2	71.1		36.2-	74.2-	2.7-
1.90	1.10-	45.0	.6	70.2		39.1-	71.5-	4.5-
2.00	1.10-	45.0	1.3	69.3		41.4-	70.8-	5.2-
2.20	1.10-	45.0	1.7	67.2		45.3-	69.0-	6.4-
2.40	1.10-	45.0	1.1	65.1		48.5-	69.1-	7.7-
2.60	1.10-	45.0	1.5	63.2		51.0-	66.5-	8.9-
2.80	1.10-	45.0	1.1	61.3		52.8-	67.9-	9.0-
3.00	1.10-	45.0	1.2	59.9		54.3-	66.9-	9.6-
3.20	1.10-	45.0	.8	58.6		55.5-	65.8-	10.4-
3.60	1.10-	45.0	.4	56.2		56.7-	64.6-	10.4-
4.00	1.10-	45.0	.4	54.3		57.2-	62.9-	9.6-
4.40	1.10-	45.0	.0	52.8		57.7-	61.3-	9.7-
4.80	1.10-	45.0	.4	51.4		57.9-	57.9-	9.5-
5.20	1.10-	45.0	.0	50.9		58.1-	58.1-	9.9-
5.60	1.10-	45.0	.0	50.2		58.4-	58.4-	10.0-
6.00	1.10-	45.0	.0	49.4		58.6-	58.6-	9.7-
6.40	1.10-	45.0	.0	48.2		58.5-	58.5-	10.2-
1.00	1.30-	45.0	.0	.0	1.6	.0	45.1-	15.7
1.10	1.30-	45.0	.9-	26.5		4.2-	72.1-	13.1
1.20	1.30-	45.0	1.4-	47.0	.9-	9.1-	79.9-	10.3
1.30	1.30-	45.0	.8-	59.3		15.3-	83.7-	6.7
1.40	1.30-	45.0	1.3-	64.9		21.3-	87.4-	3.7

1.50	1.30-	45.0	.5-	69.1		26.9-	85.6-	.3-
1.60	1.30-	45.0	.5-	71.8	2.6	30.7-	80.1-	1.2-
1.70	1.30-	45.0	.5-	71.7		34.0-	80.5-	2.6-
1.80	1.30-	45.0	.0	71.2		37.1-	78.0-	3.6-
1.90	1.30-	45.0	.0	70.5		39.9-	75.0-	5.5-
2.00	1.30-	45.0	.6	69.9	1.1	42.1-	74.4-	6.1-
2.20	1.30-	45.0	.7	67.6		45.7-	72.0-	7.2-
2.40	1.30-	45.0	.7	65.5	2.9	48.4-	71.5-	7.9-
2.60	1.30-	45.0	.7	63.6		50.4-	68.3-	8.5-
2.80	1.30-	45.0	.8	61.8	2.1-	51.9-	67.1-	8.8-
3.00	1.30-	45.0	.8	60.2		53.2-	65.9-	9.1-
3.20	1.30-	45.0	.4	58.9	.7	54.2-	64.5-	9.2-
3.60	1.30-	45.0	.4	56.7	.7	55.4-	61.3-	9.2-
4.00	1.30-	45.0	.4	54.8	.7	55.9-	61.7-	7.7-
4.40	1.30-	45.0	.0	53.4	.0	56.2-	59.9-	8.3-
4.80	1.30-	45.0	.4	52.1	.7	56.3-	56.3-	8.6-
5.20	1.30-	45.0	.0	51.4	3.1	56.4-	56.4-	7.9-
5.60	1.30-	45.0	.0	50.5	1.5	56.8-	56.8-	8.3-
6.00	1.30-	45.0	.0	49.5	3.1-	57.3-	57.3-	8.4-
6.40	1.30-	45.0	.0	48.7	.0	57.7-	57.7-	9.8-
1.00	1.50-	45.0	.0	.0		.0	40.6-	14.8
1.10	1.50-	45.0	.8-	25.0		3.8-	70.0-	12.1
1.20	1.50-	45.0	1.6-	45.3		8.5-	79.2-	11.4
1.30	1.50-	45.0	1.2-	57.2		15.3-	84.0-	7.2
1.40	1.50-	45.0	1.8-	64.3		22.0-	84.7-	3.1
1.50	1.50-	45.0	1.0-	68.2		27.2-	85.2-	.0-
1.60	1.50-	45.0	1.0-	70.0		31.8-	85.6-	2.5-
1.70	1.50-	45.0	.6-	70.6		35.8-	84.4-	3.8-
1.80	1.50-	45.0	.6-	70.2		39.0-	81.9-	5.1-
1.90	1.50-	45.0	.6-	69.7		41.9-	81.8-	6.8-
2.00	1.50-	45.0	.0	69.1		44.3-	78.7-	8.2-
2.20	1.50-	45.0	.7	67.5		47.9-	74.2-	9.7-
2.40	1.50-	45.0	.7	65.1		50.7-	73.6-	10.5-
2.60	1.50-	45.0	.7	63.0		53.1-	70.8-	11.3-
2.80	1.50-	45.0	.4	61.3		54.8-	69.8-	12.0-
3.00	1.50-	45.0	.4	60.0		56.1-	68.7-	12.3-
3.20	1.50-	45.0	.4	58.5		57.2-	67.4-	12.5-
3.60	1.50-	45.0	.0	56.1		58.8-	66.6-	12.5-
4.00	1.50-	45.0	.4	54.1		60.1-	63.9-	12.5-
4.40	1.50-	45.0	.0	52.4		60.7-	64.3-	12.9-
4.80	1.50-	45.0	.4	51.5		61.4-	63.2-	13.6-
5.20	1.50-	45.0	.0	50.8		62.2-	62.2-	14.7-
5.60	1.50-	45.0	.0	49.9		62.9-	62.9-	14.4-
6.00	1.50-	45.0	.0	49.6		63.5-	63.5-	15.4-
6.40	1.50-	45.0	.0	49.6		64.4-	64.4-	17.4-
1.00	1.70-	45.0	.0	.0	.0	.0	52.5-	13.9
1.10	1.70-	45.0	.9-	27.1		3.8-	75.7-	11.7
1.20	1.70-	45.0	1.0-	48.8	1.8-	7.4-	80.9-	12.0
1.30	1.70-	45.0	1.6-	60.8		13.3-	83.5-	9.5
1.40	1.70-	45.0	1.5-	67.4	.9	18.9-	84.7-	5.5
1.50	1.70-	45.0	1.2-	71.1		23.6-	83.9-	2.8
1.60	1.70-	45.0	1.3-	73.0		27.4-	83.4-	1.8

1.70	1.70-	45.0	1.1-	73.7	30.7-	78.6-	1.7
1.80	1.70-	45.0	.9-	73.6	33.6-	75.8-	.7
1.90	1.70-	45.0	.9-	72.5	36.3-	75.1-	.9-
2.00	1.70-	45.0	.6-	71.6	1.1-	38.5-	74.3-
2.20	1.70-	45.0	.0	69.5	42.2-	69.3-	3.7-
2.40	1.70-	45.0	.0	67.3	1.7	45.1-	68.8-
2.60	1.70-	45.0	.4	65.2	47.3-	65.7-	6.1-
2.80	1.70-	45.0	.4	62.9	4.0	49.0-	64.5-
3.00	1.70-	45.0	.0	61.2	50.4-	63.3-	6.5-
3.20	1.70-	45.0	.4	59.5	.7	51.6-	62.1-
3.60	1.70-	45.0	.0	56.8	.0	53.2-	61.2-
4.00	1.70-	45.0	.4	54.6	.7	54.6-	60.3-
4.40	1.70-	45.0	.0	52.8	.0	55.9-	59.6-
4.80	1.70-	45.0	.4	52.1	.8-	56.8-	58.6-
5.20	1.70-	45.0	.0	51.7	4.7	57.4-	57.4-
5.60	1.70-	45.0	.0	50.5	3.1	58.0-	58.0-
6.00	1.70-	45.0	.0	49.6	3.1-	58.8-	58.8-
6.40	1.70-	45.0	.0	48.8	1.6	59.5-	59.5-
1.00	1.90-	45.0	.0	.0	.0	44.7-	12.5
1.10	1.90-	45.0	1.0-	26.5	3.3-	73.7-	11.5
1.20	1.90-	45.0	.8-	48.7	6.9-	80.3-	12.1
1.30	1.90-	45.0	1.2-	60.7	12.9-	83.0-	10.0
1.40	1.90-	45.0	.6-	67.5	18.7-	84.5-	5.8
1.50	1.90-	45.0	1.5-	71.2	23.7-	84.2-	4.9
1.60	1.90-	45.0	1.2-	73.0	28.1-	84.1-	.4
1.70	1.90-	45.0	1.1-	74.0	31.7-	79.8-	.7
1.80	1.90-	45.0	1.2-	73.5	35.0-	77.2-	.7-
1.90	1.90-	45.0	.9-	72.5	38.1-	76.9-	2.5-
2.00	1.90-	45.0	1.3-	71.5	40.6-	76.3-	3.9-
2.20	1.90-	45.0	.7-	69.4	44.6-	71.5-	5.9-
2.40	1.90-	45.0	.3-	66.7	47.7-	71.2-	7.6-
2.60	1.90-	45.0	.0	64.5	50.2-	68.4-	9.3-
2.80	1.90-	45.0	.0	62.4	52.3-	67.6-	9.4-
3.00	1.90-	45.0	.0	60.5	53.9-	66.6-	10.0-
3.20	1.90-	45.0	.0	58.9	54.9-	65.2-	10.4-
3.60	1.90-	45.0	.0	56.0	56.3-	64.2-	10.9-
4.00	1.90-	45.0	.0	53.8	57.3-	63.0-	10.3-
4.40	1.90-	45.0	.0	52.3	58.0-	61.7-	10.9-
4.80	1.90-	45.0	.4	51.1	58.1-	59.9-	10.7-
5.20	1.90-	45.0	.0	50.5	58.4-	58.4-	11.1-
5.60	1.90-	45.0	.0	50.5	58.7-	58.7-	11.1-
6.00	1.90-	45.0	.0	50.5	59.1-	59.1-	11.0-
6.40	1.90-	45.0	.0	50.5	60.1-	60.1-	14.1-
1.00	2.10-	45.0	.0	.0	.8-	.0	44.1-
1.10	2.10-	45.0	1.2-	26.2	3.4-	73.0-	11.4
1.20	2.10-	45.0	1.0-	48.1	3.1-	7.1-	79.7-
1.30	2.10-	45.0	1.2-	60.7	13.1-	83.3-	8.8
1.40	2.10-	45.0	1.1-	67.3	1.8	19.1-	84.8-
1.50	2.10-	45.0	1.7-	71.1	24.1-	84.4-	4.1
1.60	2.10-	45.0	1.0-	72.9	28.2-	84.2-	1.0
1.70	2.10-	45.0	1.7-	74.0	31.7-	79.8-	.8
1.80	2.10-	45.0	1.8-	73.6	34.7-	76.9-	.2-

1.90	2.10-	45.0	1.9-	72.6		37.4-	76.3-	1.4-
2.00	2.10-	45.0	1.3-	71.8	.4-	39.8-	75.5-	3.2-
2.20	2.10-	45.0	1.0-	69.7		43.3-	70.4-	4.6-
2.40	2.10-	45.0	.7-	67.3	1.2-	46.3-	70.0-	6.6-
2.60	2.10-	45.0	.7-	65.0		49.1-	67.3-	7.3-
2.80	2.10-	45.0	.7-	63.0	1.3-	51.3-	66.8-	8.7-
3.00	2.10-	45.0	.4-	61.1		52.9-	65.8-	9.5-
3.20	2.10-	45.0	.0	59.6	.0	54.0-	64.4-	9.7-
3.60	2.10-	45.0	.0	57.6	.0	55.6-	63.6-	9.8-
4.00	2.10-	45.0	.0	54.7	.0	56.7-	62.5-	10.1-
4.40	2.10-	45.0	.0	53.1	.0	57.3-	61.0-	10.2-
4.80	2.10-	45.0	.4	51.7	2.4-	57.8-	59.7-	10.6-
5.20	2.10-	45.0	.0	50.8	3.1	58.6-	58.6-	11.0-
5.60	2.10-	45.0	.0	50.7	4.6	58.9-	58.9-	11.4-
6.00	2.10-	45.0	.0	50.6	.0	59.6-	59.6-	11.4-
6.40	2.10-	45.0	.0	50.6	4.7	61.0-	61.0-	15.8-
1.00	2.30-	45.0	.0	.0		.0	43.4-	11.2
1.10	2.30-	45.0	1.1-	25.9		3.5-	72.3-	11.0
1.20	2.30-	45.0	1.0-	47.6		7.3-	79.0-	10.8
1.30	2.30-	45.0	1.5-	60.8		13.2-	83.3-	8.4
1.40	2.30-	45.0	1.4-	67.2		19.0-	84.6-	4.4
1.50	2.30-	45.0	1.7-	71.0		23.7-	84.0-	3.8
1.60	2.30-	45.0	1.0-	72.9		27.8-	83.8-	2.1
1.70	2.30-	45.0	2.0-	73.9		31.2-	79.3-	1.4
1.80	2.30-	45.0	1.5-	73.6		33.7-	75.9-	1.2
1.90	2.30-	45.0	1.9-	72.7		35.9-	74.8-	.2
2.00	2.30-	45.0	1.3-	72.0		38.0-	73.9-	1.2-
2.20	2.30-	45.0	1.4-	70.1		41.4-	68.6-	2.7-
2.40	2.30-	45.0	1.4-	67.8		44.0-	67.9-	3.7-
2.60	2.30-	45.0	1.5-	65.5		46.5-	64.9-	4.8-
2.80	2.30-	45.0	1.5-	63.7		48.3-	63.9-	5.7-
3.00	2.30-	45.0	.8-	61.8		49.6-	62.5-	6.0-
3.20	2.30-	45.0	.0	60.3		50.7-	63.4-	6.4-
3.60	2.30-	45.0	.4-	59.2		52.5-	60.8-	7.1-
4.00	2.30-	45.0	.0	55.6		54.0-	61.7-	7.2-
4.40	2.30-	45.0	.0	53.8		55.3-	59.1-	8.2-
4.80	2.30-	45.0	.0	52.3		56.1-	59.8-	8.7-
5.20	2.30-	45.0	.0	51.2		57.1-	57.1-	9.8-
5.60	2.30-	45.0	.0	51.0		57.6-	57.6-	10.1-
6.00	2.30-	45.0	.0	50.7		58.5-	58.5-	10.9-
6.40	2.30-	45.0	.0	50.7		60.3-	60.3-	15.2-
1.00	2.50-	45.0	.0	.0	3.1-	.0	48.3-	10.6
1.10	2.50-	45.0	1.1-	26.8		3.7-	74.7-	9.9
1.20	2.50-	45.0	.9-	49.1	5.9-	7.4-	81.4-	9.4
1.30	2.50-	45.0	1.5-	61.6		13.3-	84.4-	8.3
1.40	2.50-	45.0	1.3-	68.3	5.8-	18.9-	85.5-	5.5
1.50	2.50-	45.0	1.6-	72.0		23.4-	84.6-	3.0
1.60	2.50-	45.0	1.8-	74.0		27.5-	84.1-	1.7
1.70	2.50-	45.0	1.7-	74.4		30.8-	79.2-	2.2
1.80	2.50-	45.0	1.5-	74.0		33.4-	75.8-	1.5
1.90	2.50-	45.0	1.6-	73.0		35.7-	74.8-	.7
2.00	2.50-	45.0	1.6-	72.3	1.0-	37.7-	73.8-	.8-

2.20	2.50-	45.0	1.4-	70.1		40.8-	68.1-	1.9-
2.40	2.50-	45.0	1.4-	67.9	1.0	42.9-	66.8-	2.6-
2.60	2.50-	45.0	1.4-	65.7		44.9-	63.3-	3.5-
2.80	2.50-	45.0	1.5-	63.7	2.6-	46.2-	61.9-	3.4-
3.00	2.50-	45.0	1.1-	61.8		47.2-	60.2-	3.8-
3.20	2.50-	45.0	.4-	60.1	.7-	48.2-	60.9-	3.7-
3.60	2.50-	45.0	.4-	58.1	.7-	49.4-	57.5-	4.8-
4.00	2.50-	45.0	.4-	55.0	2.3-	50.5-	58.2-	3.6-
4.40	2.50-	45.0	.0	53.1	.0	52.0-	55.7-	4.9-
4.80	2.50-	45.0	.0	51.7	3.1-	52.3-	55.9-	4.9-
5.20	2.50-	45.0	.0	50.8	3.1	52.3-	52.3-	5.0-
5.60	2.50-	45.0	.0	50.5	3.1	52.3-	52.3-	5.0-
6.00	2.50-	45.0	.0	49.4	3.1	52.5-	52.5-	5.0-
6.40	2.50-	45.0	.0	48.8	3.1	53.0-	53.0-	8.0-
1.00	2.70-	45.0	.0	.0		.0	53.1-	10.4
1.10	2.70-	45.0	1.3-	27.6		3.8-	77.1-	9.4
1.20	2.70-	45.0	.9-	50.5		7.6-	83.8-	8.9
1.30	2.70-	45.0	1.5-	62.4		13.6-	85.6-	8.0
1.40	2.70-	45.0	.6-	69.3		19.2-	86.8-	5.6
1.50	2.70-	45.0	1.9-	73.0		23.9-	85.9-	2.8
1.60	2.70-	45.0	1.8-	75.0		27.6-	82.2-	1.6
1.70	2.70-	45.0	1.7-	74.9		30.7-	79.4-	1.8
1.80	2.70-	45.0	1.8-	74.4		33.3-	76.0-	1.4
1.90	2.70-	45.0	1.6-	73.4		35.5-	74.8-	.9
2.00	2.70-	45.0	2.0-	72.7		37.4-	73.7-	.1-
2.20	2.70-	45.0	1.0-	70.1		40.5-	70.3-	1.5-
2.40	2.70-	45.0	1.4-	68.0		42.7-	66.6-	2.4-
2.60	2.70-	45.0	1.5-	65.9		44.2-	62.7-	2.7-
2.80	2.70-	45.0	1.5-	63.6		45.2-	60.9-	2.6-
3.00	2.70-	45.0	1.1-	61.8		46.1-	59.1-	2.7-
3.20	2.70-	45.0	.4-	60.0		46.8-	59.4-	2.6-
3.60	2.70-	45.0	.4-	56.9		47.8-	55.7-	2.9-
4.00	2.70-	45.0	.8-	54.4		48.7-	56.3-	2.0-
4.40	2.70-	45.0	.0	52.4		49.7-	55.2-	2.8-
4.80	2.70-	45.0	.4	51.1		50.3-	53.8-	2.5-
5.20	2.70-	45.0	.4	50.5		50.2-	52.0-	2.9-
5.60	2.70-	45.0	.4	50.1		50.2-	50.2-	3.0-
6.00	2.70-	45.0	.4	48.1		50.0-	50.0-	2.5-
6.40	2.70-	45.0	.8	46.9		49.7-	49.7-	4.4-
1.00	2.90-	45.0	.0	.0	4.7-	.0	48.7-	9.0
1.10	2.90-	45.0	1.4-	26.9		3.6-	75.1-	9.4
1.20	2.90-	45.0	1.2-	50.0	9.2-	7.2-	82.5-	9.4
1.30	2.90-	45.0	1.5-	62.1		13.1-	84.9-	8.2
1.40	2.90-	45.0	1.3-	68.9	9.5-	18.9-	86.1-	5.9
1.50	2.90-	45.0	1.5-	72.7		23.7-	85.4-	4.0
1.60	2.90-	45.0	1.8-	74.9		27.5-	82.0-	2.1
1.70	2.90-	45.0	1.7-	74.9		30.8-	79.5-	1.6
1.80	2.90-	45.0	.9-	74.6		33.5-	76.2-	1.2
1.90	2.90-	45.0	1.6-	73.6		35.7-	75.1-	.1
2.00	2.90-	45.0	1.6-	72.8	4.6-	37.6-	73.9-	.5-
2.20	2.90-	45.0	1.4-	70.3		41.0-	70.8-	1.9-
2.40	2.90-	45.0	1.1-	68.2	.1-	43.4-	67.5-	3.1-

2.60	2.90-	45.0	1.1-	66.1		44.8-	63.3-	3.4-
2.80	2.90-	45.0	1.1-	63.9	1.9-	45.7-	61.4-	3.0-
3.00	2.90-	45.0	1.1-	62.1		46.6-	59.6-	3.2-
3.20	2.90-	45.0	.4-	60.4	2.3-	47.3-	60.0-	3.3-
3.60	2.90-	45.0	.8-	57.4	1.4-	48.3-	56.4-	3.2-
4.00	2.90-	45.0	.8-	54.8	3.0-	49.0-	56.7-	2.4-
4.40	2.90-	45.0	.4-	52.9	.7-	49.8-	55.3-	2.6-
4.80	2.90-	45.0	.4	51.6	.7	50.8-	54.4-	3.5-
5.20	2.90-	45.0	.4	50.7	3.8	51.6-	53.4-	4.4-
5.60	2.90-	45.0	.4	50.3	2.3	52.1-	52.1-	5.0-
6.00	2.90-	45.0	.4	49.3	3.8	52.6-	52.6-	5.4-
6.40	2.90-	45.0	.8	48.7	4.4	53.6-	53.6-	7.5-
1.00	3.10-	45.0	.0	.0		.0	44.2-	9.1
1.10	3.10-	45.0	1.3-	26.3		3.2-	73.0-	9.1
1.20	3.10-	45.0	1.3-	49.4		6.7-	81.1-	9.2
1.30	3.10-	45.0	1.1-	61.9		12.4-	83.9-	8.7
1.40	3.10-	45.0	1.7-	68.5		18.4-	85.2-	6.3
1.50	3.10-	45.0	1.4-	72.4		23.3-	84.8-	3.1
1.60	3.10-	45.0	1.8-	74.8		27.2-	81.7-	2.1
1.70	3.10-	45.0	1.7-	74.9		30.9-	79.6-	1.2
1.80	3.10-	45.0	1.2-	74.7		33.7-	76.5-	.9
1.90	3.10-	45.0	1.3-	73.8		36.0-	75.5-	.2
2.00	3.10-	45.0	1.6-	72.8		37.9-	74.2-	.6-
2.20	3.10-	45.0	1.7-	70.5		41.6-	71.6-	3.0-
2.40	3.10-	45.0	1.1-	68.5		44.5-	68.6-	4.3-
2.60	3.10-	45.0	.7-	66.4		45.8-	64.5-	4.5-
2.80	3.10-	45.0	1.1-	64.2		46.7-	62.4-	4.0-
3.00	3.10-	45.0	1.1-	62.4		47.8-	60.9-	4.8-
3.20	3.10-	45.0	.4-	60.8		48.7-	61.5-	4.8-
3.60	3.10-	45.0	.8-	58.0		49.6-	57.8-	4.8-
4.00	3.10-	45.0	.8-	55.2		49.9-	57.6-	3.9-
4.40	3.10-	45.0	.4-	53.4		50.3-	55.9-	2.8-
4.80	3.10-	45.0	.0	52.0		51.9-	55.5-	4.7-
5.20	3.10-	45.0	.4	51.0		54.3-	56.1-	7.0-
5.60	3.10-	45.0	.4	50.5		55.6-	55.6-	8.4-
6.00	3.10-	45.0	.4	50.5		57.2-	57.2-	9.7-
6.40	3.10-	45.0	.8	50.5		60.1-	60.1-	14.6-
.00	.00	67.5	.0	53.6	.0	22.8-	131.6-	.0
.10	.00	67.5	.0	51.9			147.8-	.0
.20	.00	67.5	.0	51.8			161.1-	.0
.30	.00	67.5	.0	51.7		27.7-	160.3-	.0
.40	.00	67.5	.0	51.3	.0	28.5-	164.9-	.0
.50	.00	67.5	.0	52.8		28.2-	165.4-	.0
.60	.00	67.5	.0	53.9	.0	28.8-	164.8-	.0
.70	.00	67.5	.0	55.9		29.6-	164.4-	.0
.80	.00	67.5	.0	55.8	.0	32.0-	168.2-	.0
.90	.00	67.5	.0	56.0	.0	35.7-	179.4-	.0
.00	.10	67.5	.0	53.2	.0	25.6-	132.1-	.0
.10	.10	67.5	.0	52.2		32.4-	140.4-	
.20	.10	67.5	.1	52.1		40.0-	147.8-	
.30	.10	67.5	.2	51.8		40.3-	147.6-	13.4-

.40	.10	67.5	.7	51.6	2.2	43.9-	150.7-	17.1-
.50	.10	67.5	1.5	52.4		46.3-	151.0-	17.4-
.60	.10	67.5	1.8	52.3	3.5	47.4-	151.9-	17.3-
.70	.10	67.5	3.1	52.1		49.3-	153.6-	17.9-
.80	.10	67.5	5.7	51.9	6.5	52.7-	156.4-	19.7-
.90	.10	67.5	12.7	51.6	8.7	58.5-	161.8-	26.0-
1.00	.10	67.5	15.2	44.4	16.0	62.9-	180.7-	62.9-
1.10	.10	67.5	.6-	38.9	.4-	60.9-	167.9-	60.9-
1.20	.10	67.5	2.2-	41.0	4.0	59.5-	157.3-	51.9-
1.30	.10	67.5	3.2-	43.3		58.6-	151.4-	47.8-
1.40	.10	67.5	4.0-	44.7	2.5-	57.8-	147.1-	45.6-
1.50	.10	67.5	3.6-	45.3		56.8-	144.2-	43.3-
1.60	.10	67.5	4.2-	46.2	3.8-	55.7-	138.9-	41.2-
1.70	.10	67.5	3.8-	45.7		54.4-	136.8-	38.7-
1.80	.10	67.5	3.8-	45.3	3.1-	53.2-	134.8-	37.6-
1.90	.10	67.5	4.2-	45.6		52.5-	131.7-	36.5-
2.00	.10	67.5	4.3-	45.1	3.7-	51.6-	130.1-	35.6-
2.20	.10	67.5	3.3-	44.1		50.0-	126.7-	33.7-
2.40	.10	67.5	3.1-	42.8		48.7-	125.7-	31.8-
2.60	.10	67.5	2.9-	41.9		48.1-	123.5-	31.0-
2.80	.10	67.5	2.8-	41.0		46.8-	120.7-	29.7-
3.00	.10	67.5	2.4-	40.3		46.0-	118.5-	29.3-
3.20	.10	67.5	1.6-	39.2		45.9-	119.0-	28.2-
3.60	.10	67.5	1.6-	37.9		45.6-	116.3-	27.9-
4.00	.10	67.5	1.3-	36.2		45.1-	115.0-	26.4-
4.40	.10	67.5	1.0-	35.0		45.1-	112.7-	25.4-
4.80	.10	67.5	.4-	33.8		44.9-	110.2-	24.3-
5.20	.10	67.5	.4-	32.2		44.5-	108.9-	22.6-
.00	.30	67.5	.0	51.6	.0	25.4-	128.6-	.5-
.10	.30	67.5	.4	51.3		25.6-	128.2-	
.20	.30	67.5	.7	51.1		26.0-	128.1-	
.30	.30	67.5	1.2	50.6		26.8-	128.1-	4.7-
.40	.30	67.5	2.0	50.5	2.8	27.9-	128.9-	7.1-
.50	.30	67.5	4.0	50.1		28.7-	128.9-	2.5-
.60	.30	67.5	4.8	48.9	6.0	29.1-	130.4-	3.9-
.70	.30	67.5	6.5	46.8		29.4-	133.2-	6.8-
.80	.30	67.5	7.9	46.3	6.5	30.5-	133.5-	13.0-
.90	.30	67.5	8.3	45.6	6.6	30.3-	131.6-	20.7-
1.00	.30	67.5	5.4	43.3	5.1	28.7-	131.8-	27.9-
1.10	.30	67.5	.2-	42.2	.7	28.2-	128.8-	28.5-
1.20	.30	67.5	2.9-	42.6	.2-	29.2-	123.9-	25.6-
1.30	.30	67.5	4.5-	43.4		29.3-	119.2-	23.0-
1.40	.30	67.5	5.1-	43.7	1.5-	28.9-	116.3-	19.0-
1.50	.30	67.5	5.3-	44.1		28.3-	113.5-	15.6-
1.60	.30	67.5	5.1-	44.5	2.6-	27.6-	110.6-	14.6-
1.70	.30	67.5	4.9-	44.9		27.0-	107.8-	12.6-
1.80	.30	67.5	4.6-	44.7	2.9-	26.5-	107.0-	11.8-
1.90	.30	67.5	4.8-	43.5		26.2-	107.3-	11.5-
2.00	.30	67.5	4.0-	43.0	2.0-	25.9-	106.1-	10.1-
2.20	.30	67.5	3.4-	42.8		25.2-	102.3-	8.9-
2.40	.30	67.5	3.0-	42.1	.6-	24.7-	100.5-	7.5-
2.60	.30	67.5	3.0-	41.4		24.4-	98.9-	7.6-
2.80	.30	67.5	3.1-	40.7	1.3-	23.9-	97.2-	6.9-

3.00	.30	67.5	2.4-	39.3		23.2-	96.5-	5.4-
3.20	.30	67.5	2.2-	39.0	.3-	22.8-	95.5-	4.9-
3.60	.30	67.5	1.9-	37.9	.5-	22.3-	93.0-	4.0-
4.00	.30	67.5	1.3-	36.3	.0-	21.8-	91.8-	2.8-
4.40	.30	67.5	1.0-	35.2	.2-	21.4-	89.4-	1.5-
4.80	.30	67.5	.6-	33.9	.0-	21.7-	89.5-	.2-
5.20	.30	67.5	.4-	32.9	.3-	21.6-	87.3-	.5
.00	.50	67.5	.0	48.6	.0	21.8-	119.0-	1.5-
.10	.50	67.5	.4	48.6		21.9-	119.1-	
.20	.50	67.5	.8	48.1		21.8-	117.9-	
.30	.50	67.5	1.3	47.6		21.3-	116.5-	5.1-
.40	.50	67.5	1.9	47.3	2.6	21.1-	115.7-	5.9-
.50	.50	67.5	4.2	46.0		20.6-	115.8-	1.9-
.60	.50	67.5	4.0	45.5	3.4	20.3-	114.6-	3.0-
.70	.50	67.5	4.7	44.3		19.5-	114.5-	5.5-
.80	.50	67.5	4.8	43.9	4.1	17.4-	111.5-	6.6-
.90	.50	67.5	3.9	43.2		15.4-	108.1-	8.9-
1.00	.50	67.5	1.9	41.9	2.1	14.5-	107.7-	9.7-
1.10	.50	67.5	.8-	42.9		14.4-	103.3-	12.2-
1.20	.50	67.5	2.6-	42.4	1.2-	14.2-	102.0-	9.8-
1.30	.50	67.5	4.0-	42.7		14.5-	99.8-	9.8-
1.40	.50	67.5	4.6-	42.2	1.9-	14.9-	99.3-	7.3-
1.50	.50	67.5	5.1-	42.0		15.0-	99.0-	4.5-
1.60	.50	67.5	5.0-	42.5	1.9-	15.3-	97.3-	3.3-
1.70	.50	67.5	5.2-	42.9		15.0-	95.0-	1.7-
1.80	.50	67.5	4.8-	42.5	2.1-	15.0-	94.3-	1.3-
1.90	.50	67.5	4.6-	42.1		14.8-	93.4-	.7-
2.00	.50	67.5	4.3-	41.8	2.5-	14.5-	92.4-	.3
2.20	.50	67.5	3.8-	41.1		13.8-	90.4-	1.8
2.40	.50	67.5	3.3-	40.5		13.4-	88.9-	3.2
2.60	.50	67.5	3.4-	40.1		13.0-	87.7-	3.8
2.80	.50	67.5	3.0-	39.5		13.0-	86.7-	3.8
3.00	.50	67.5	2.3-	39.0		13.0-	85.7-	4.6
3.20	.50	67.5	2.5-	37.9		12.6-	85.8-	4.7
3.60	.50	67.5	1.9-	36.8		11.8-	83.0-	6.5
4.00	.50	67.5	1.5-	35.8		11.5-	80.6-	7.3
4.40	.50	67.5	.7-	34.0		11.7-	79.7-	8.5
4.80	.50	67.5	.5-	33.2		11.6-	78.1-	9.2
5.20	.50	67.5	.4-	32.3		11.3-	75.9-	11.4
.00	.70	67.5	.0	46.2	.0	18.3-	110.8-	2.6-
.10	.70	67.5	.3	46.2		18.5-	110.9-	
.20	.70	67.5	.7	45.9		18.1-	110.0-	
.30	.70	67.5	1.5	45.5		17.1-	108.1-	5.2-
.40	.70	67.5	1.5	45.2	.7	16.9-	107.2-	5.0-
.50	.70	67.5	2.7	44.2		16.9-	108.4-	3.3-
.60	.70	67.5	2.9	43.9	2.6	16.8-	107.7-	4.6-
.70	.70	67.5	2.3	43.6		16.4-	106.7-	6.1-
.80	.70	67.5	1.9	42.3	1.7	14.9-	105.6-	6.8-
.90	.70	67.5	1.4	41.9		13.7-	103.5-	7.4-
1.00	.70	67.5	.4	42.3	.8	12.7-	100.4-	6.5-
1.10	.70	67.5	1.3-	41.9		12.7-	99.5-	8.2-
1.20	.70	67.5	2.3-	42.4	.8-	12.8-	97.6-	7.0-

1.30	.70	67.5	3.8-	42.2		13.3-	97.6-	7.7-
1.40	.70	67.5	4.1-	41.9	1.9-	13.9-	97.7-	6.8-
1.50	.70	67.5	4.6-	41.7		14.3-	97.7-	4.9-
1.60	.70	67.5	4.8-	42.2	2.0-	14.9-	96.4-	4.3-
1.70	.70	67.5	4.7-	42.0		15.4-	96.5-	3.4-
1.80	.70	67.5	4.8-	41.5	2.0-	15.6-	95.7-	2.9-
1.90	.70	67.5	4.7-	41.9		15.3-	93.5-	1.3-
2.00	.70	67.5	4.5-	41.6	1.9-	15.1-	92.8-	.7-
2.20	.70	67.5	4.1-	40.9		15.4-	91.6-	.1
2.40	.70	67.5	3.6-	40.3	.8-	15.5-	90.7-	.8
2.60	.70	67.5	3.3-	39.8		15.3-	89.5-	1.1
2.80	.70	67.5	3.0-	39.2	.1-	15.3-	88.3-	1.5
3.00	.70	67.5	2.8-	38.7		15.1-	87.2-	2.3
3.20	.70	67.5	2.8-	37.6	.2-	15.0-	87.7-	2.1
3.60	.70	67.5	2.1-	36.6	.4	14.5-	85.3-	3.2
4.00	.70	67.5	1.3-	35.5	.7	13.8-	82.4-	5.1
4.40	.70	67.5	1.0-	34.0	.3	13.7-	81.7-	6.2
4.80	.70	67.5	.7-	33.2	.2	13.4-	79.8-	7.7
5.20	.70	67.5	.4-	32.6	.1	12.8-	78.0-	9.3
.00	.90	67.5	.0	44.5		15.4-	104.3-	3.5-
.20	.90	67.5	.3	44.1		14.2-	102.4-	
.40	.90	67.5	1.3	43.0		12.8-	98.9-	3.0-
.60	.90	67.5	1.5	41.6		12.6-	98.8-	2.8-
.80	.90	67.5	.7	41.3		11.7-	97.2-	4.2-
1.00	.90	67.5	.8-	40.9		11.1-	95.8-	4.0-
1.20	.90	67.5	2.0-	41.2		10.7-	93.0-	4.4-
1.40	.90	67.5	3.7-	40.9		10.9-	92.7-	3.7-
1.60	.90	67.5	4.1-	41.3		11.7-	91.4-	1.3-
1.80	.90	67.5	4.3-	40.8		12.7-	91.4-	.3-
2.00	.90	67.5	4.3-	40.2		12.5-	90.1-	1.4
2.20	.90	67.5	3.7-	39.9		12.3-	89.4-	2.7
2.40	.90	67.5	3.5-	39.4		12.1-	88.2-	3.6
2.60	.90	67.5	3.5-	39.0		11.7-	87.0-	4.1
2.80	.90	67.5	3.3-	38.7		11.1-	85.8-	5.0
3.00	.90	67.5	2.9-	38.1		10.7-	84.3-	6.0
3.20	.90	67.5	2.8-	37.8		10.4-	83.4-	6.7
3.60	.90	67.5	2.2-	36.8		10.0-	81.2-	7.7
4.00	.90	67.5	1.9-	35.8		9.4-	78.5-	8.8
4.40	.90	67.5	1.0-	34.3		8.9-	77.4-	10.6
4.80	.90	67.5	.7-	33.4		8.7-	75.6-	12.2
5.20	.90	67.5	.4-	32.5		8.5-	73.6-	13.7
.00	1.10	67.5	.0	43.9	.0	14.0-	101.8-	4.1-
.20	1.10	67.5	.4	43.3		13.3-	99.9-	
.40	1.10	67.5	.9	42.6	.8	12.2-	97.4-	3.2-
.60	1.10	67.5	.4	42.0		11.7-	95.8-	2.9-
.80	1.10	67.5	.3-	41.7	.2	11.2-	94.6-	2.9-
1.00	1.10	67.5	1.1-	41.2		10.7-	93.1-	2.6-
1.20	1.10	67.5	2.0-	40.8	.3-	10.6-	92.3-	3.1-
1.40	1.10	67.5	3.2-	40.2		10.7-	91.0-	3.0-
1.60	1.10	67.5	3.6-	39.8	1.0-	10.8-	90.4-	.4-
1.80	1.10	67.5	4.0-	39.1		10.7-	88.8-	1.3
2.00	1.10	67.5	4.1-	38.7	.8-	10.8-	88.1-	2.4

2.20	1.10	67.5	3.6-	38.1		10.8-	86.9-	3.4
2.40	1.10	67.5	3.6-	37.7	.3-	10.5-	85.9-	4.8
2.60	1.10	67.5	3.7-	37.4		10.3-	85.1-	4.8
2.80	1.10	67.5	3.2-	37.0	.2-	10.2-	84.2-	5.8
3.00	1.10	67.5	3.0-	36.9		10.0-	83.7-	6.3
3.20	1.10	67.5	2.7-	36.5	.0	9.8-	82.8-	6.9
3.60	1.10	67.5	2.2-	35.8	.3	9.6-	81.1-	7.8
4.00	1.10	67.5	2.1-	35.1	.2-	9.2-	79.4-	9.1
4.40	1.10	67.5	1.4-	34.3	.1	8.7-	77.2-	10.5
4.80	1.10	67.5	.7-	33.7	.4	8.4-	75.8-	12.3
5.20	1.10	67.5	.4-	33.0	.1	8.4-	74.4-	13.7
.00	1.30	67.5	.0	41.2		12.9-	95.3-	3.8-
.20	1.30	67.5	.2	40.8		13.9-	95.6-	
.40	1.30	67.5	.3	40.4		14.9-	95.8-	6.5-
.60	1.30	67.5	.1-	40.1		14.4-	94.6-	6.2-
.80	1.30	67.5	.7-	39.8		14.0-	93.7-	5.1-
1.00	1.30	67.5	1.2-	39.7		13.8-	93.1-	5.1-
1.20	1.30	67.5	1.7-	39.4		13.6-	92.4-	5.9-
1.40	1.30	67.5	3.1-	39.0		13.6-	91.6-	5.3-
1.60	1.30	67.5	3.7-	38.6		13.6-	90.9-	2.3-
1.80	1.30	67.5	3.9-	38.3		13.7-	90.3-	2.1-
2.00	1.30	67.5	4.0-	38.0		13.7-	89.6-	1.0-
2.20	1.30	67.5	3.7-	37.5		13.5-	88.4-	.4
2.40	1.30	67.5	3.6-	37.1		13.2-	87.4-	2.2
2.60	1.30	67.5	3.6-	36.7		13.1-	86.6-	1.7
2.80	1.30	67.5	3.2-	36.3		13.0-	85.6-	2.7
3.00	1.30	67.5	3.1-	36.0		12.8-	84.8-	2.8
3.20	1.30	67.5	2.7-	35.7		12.6-	83.9-	4.0
3.60	1.30	67.5	2.3-	34.8		12.2-	81.7-	5.3
4.00	1.30	67.5	2.1-	34.2		11.6-	80.1-	6.5
4.40	1.30	67.5	1.3-	33.3		11.4-	78.0-	7.6
4.80	1.30	67.5	.7-	32.7		11.3-	76.6-	9.0
5.20	1.30	67.5	.6-	32.1		11.1-	75.2-	10.6
.00	1.50	67.5	.0	40.6	.0	11.8-	93.0-	3.4-
.20	1.50	67.5	.0	40.1		10.4-	90.7-	
.40	1.50	67.5	.1	39.9	.7	8.7-	88.5-	.7
.60	1.50	67.5	.7-	39.7		8.7-	88.0-	.7-
.80	1.50	67.5	1.1-	39.5	.1-	8.7-	87.7-	.8
1.00	1.50	67.5	1.2-	39.3		8.8-	87.4-	.1
1.20	1.50	67.5	1.8-	39.0	.3	9.2-	87.3-	.8-
1.40	1.50	67.5	2.9-	38.7		9.6-	87.1-	.4-
1.60	1.50	67.5	3.3-	38.4	.6-	10.0-	86.8-	1.3
1.80	1.50	67.5	3.2-	38.0		10.5-	86.6-	1.3
2.00	1.50	67.5	3.9-	37.9	.6-	10.9-	86.6-	1.6
2.20	1.50	67.5	3.7-	37.5		11.0-	85.9-	2.9
2.40	1.50	67.5	3.4-	37.2	.3	10.9-	85.3-	3.1
2.60	1.50	67.5	3.6-	36.9		11.0-	84.7-	3.8
2.80	1.50	67.5	3.4-	36.5	.1	11.0-	84.0-	4.3
3.00	1.50	67.5	3.1-	36.2		11.0-	83.3-	4.6
3.20	1.50	67.5	2.8-	35.9	.3	11.0-	82.7-	5.5
3.60	1.50	67.5	2.4-	35.1	.5	11.0-	81.1-	6.1
4.00	1.50	67.5	2.2-	34.4	.2	10.9-	79.7-	6.4

4.40	1.50	67.5	1.3-	33.8	.6	10.7-	78.3-	8.0
4.80	1.50	67.5	.9-	33.6	.3	10.4-	77.5-	10.0
5.20	1.50	67.5	.6-	33.1	.2-	9.9-	76.1-	11.5
.00	1.70	67.5	.0	40.8		11.1-	92.8-	2.7-
.20	1.70	67.5	.1-	40.4		10.7-	91.4-	
.40	1.70	67.5	.2-	40.1		10.7-	91.0-	1.3-
.60	1.70	67.5	.9-	39.6		11.6-	90.9-	3.1-
.80	1.70	67.5	1.0-	39.3		11.6-	90.3-	2.6-
1.00	1.70	67.5	1.3-	39.1		11.7-	89.8-	2.2-
1.20	1.70	67.5	1.7-	38.6		11.8-	89.1-	2.8-
1.40	1.70	67.5	2.6-	38.2		12.1-	88.5-	2.3-
1.60	1.70	67.5	2.7-	37.8		12.3-	88.0-	1.2-
1.80	1.70	67.5	3.1-	37.3		12.5-	87.2-	.8-
2.00	1.70	67.5	3.8-	37.0		12.5-	86.6-	.3-
2.20	1.70	67.5	3.8-	36.7		12.7-	86.1-	.4
2.40	1.70	67.5	3.6-	36.1		12.7-	85.0-	.9
2.60	1.70	67.5	3.5-	35.8		12.6-	84.1-	1.6
2.80	1.70	67.5	3.3-	35.3		12.5-	83.1-	2.6
3.00	1.70	67.5	3.1-	35.1		12.4-	82.5-	3.0
3.20	1.70	67.5	2.9-	34.7		12.4-	81.7-	3.4
3.60	1.70	67.5	2.4-	34.1		12.0-	80.1-	4.6
4.00	1.70	67.5	2.1-	33.3		11.5-	78.2-	5.7
4.40	1.70	67.5	1.5-	32.8		11.0-	76.6-	7.7
4.80	1.70	67.5	1.0-	32.6		10.4-	75.5-	9.6
5.20	1.70	67.5	.6-	32.2		10.0-	74.4-	11.1
.00	1.90	67.5	.0	41.2	.0	10.9-	93.3-	2.0-
.40	1.90	67.5	.2-	39.7	.8	11.0-	90.4-	.8-
.80	1.90	67.5	1.2-	38.7	.3	11.3-	88.7-	1.1-
1.20	1.90	67.5	1.6-	37.7	1.1	11.7-	87.1-	2.2-
1.60	1.90	67.5	2.6-	37.1	.1	11.9-	86.1-	1.1-
2.00	1.90	67.5	3.2-	36.7	.3	12.2-	85.6-	.3
2.40	1.90	67.5	3.5-	36.3	.2	12.2-	84.8-	2.1
2.80	1.90	67.5	3.3-	35.9	.3	11.7-	83.6-	3.2
3.20	1.90	67.5	2.9-	35.3	.5	11.3-	82.0-	4.3
3.60	1.90	67.5	2.6-	34.7	.5	10.7-	80.2-	5.2
4.00	1.90	67.5	2.3-	34.1	.5	10.1-	78.2-	6.9
4.40	1.90	67.5	1.8-	33.4	.4	9.6-	76.4-	8.7
4.80	1.90	67.5	1.2-	33.2	.1-	9.1-	75.5-	10.1
5.20	1.90	67.5	.7-	33.0	.4-	8.9-	74.9-	11.4
.00	2.30	67.5	.0	39.9	.0	10.5-	90.3-	1.0-
.40	2.30	67.5	.4-	38.5	.8	11.1-	88.1-	.9-
.80	2.30	67.5	1.1-	37.6	.6	11.5-	86.8-	1.2-
1.20	2.30	67.5	1.5-	36.9	1.3	11.5-	85.3-	.6-
1.60	2.30	67.5	2.6-	36.4	.4	12.4-	85.2-	.7-
2.00	2.30	67.5	3.0-	35.9	.5	13.2-	85.1-	.9-
2.40	2.30	67.5	3.4-	35.5	.1-	13.6-	84.7-	.5
2.80	2.30	67.5	3.0-	35.0	1.0	13.9-	83.8-	1.1
3.20	2.30	67.5	2.8-	34.5	.6	14.2-	83.1-	1.4
3.60	2.30	67.5	2.6-	33.8	.5	14.1-	81.8-	1.8
4.00	2.30	67.5	2.2-	33.3	.8	13.9-	80.6-	2.7
4.40	2.30	67.5	1.7-	32.8	.7	13.8-	79.3-	3.7

4.80	2.30	67.5	1.4-	32.7	.1	13.6-	79.0-	5.6
5.20	2.30	67.5	.5-	32.4	.0-	13.3-	78.2-	6.9
.00	2.70	67.5	.0	39.2	.0	10.4-	88.7-	.4-
.40	2.70	67.5	.2-	38.1	.9	11.5-	87.7-	1.5-
.80	2.70	67.5	1.0-	37.4	.7	12.5-	87.3-	1.4-
1.20	2.70	67.5	1.2-	37.0	1.7	12.4-	86.3-	1.1-
1.60	2.70	67.5	1.8-	36.4	1.6	13.1-	85.9-	1.1-
2.00	2.70	67.5	2.8-	36.0	.2	13.5-	85.5-	.9-
2.40	2.70	67.5	2.9-	35.6	.7	13.8-	85.0-	.4
2.80	2.70	67.5	2.9-	35.0	.5	14.1-	84.1-	.4
3.20	2.70	67.5	2.9-	34.4	.5	14.3-	83.2-	.6
3.60	2.70	67.5	2.5-	33.9	1.0	14.4-	82.2-	.8
4.00	2.70	67.5	2.3-	33.4	1.0	14.3-	81.1-	1.6
4.40	2.70	67.5	1.7-	32.9	.7	14.3-	80.2-	2.0
4.80	2.70	67.5	1.2-	32.7	.2	14.3-	79.7-	3.3
5.20	2.70	67.5	.7-	32.4	.1-	14.1-	78.9-	4.7
.00	3.10	67.5	.0	38.5	.0	10.1-	87.1-	.1
.40	3.10	67.5	.2-	37.8	.9	11.6-	87.1-	.7-
.80	3.10	67.5	1.0-	37.2	.9	13.2-	87.5-	2.2-
1.20	3.10	67.5	1.2-	37.0	1.6	13.1-	87.2-	1.4-
1.60	3.10	67.5	1.7-	36.4	1.3	13.5-	86.4-	1.7-
2.00	3.10	67.5	2.6-	36.0	1.0	13.2-	85.2-	.5-
2.40	3.10	67.5	3.0-	35.6	.1	13.5-	84.8-	.2-
2.80	3.10	67.5	2.5-	35.1	1.4	13.9-	84.0-	.0
3.20	3.10	67.5	2.5-	34.4	1.1	14.0-	82.8-	.1-
3.60	3.10	67.5	2.3-	33.9	1.2	14.2-	82.1-	.2
4.00	3.10	67.5	2.2-	33.4	1.0	14.4-	81.2-	.6
4.40	3.10	67.5	1.7-	33.1	.9	14.6-	80.8-	1.3
4.80	3.10	67.5	1.4-	32.7	.3	14.9-	80.3-	2.2
5.20	3.10	67.5	.6-	32.3	.2	14.9-	79.5-	2.9
.00	3.50	67.5	.0	38.8	.0	9.5-	87.2-	.2
.40	3.50	67.5	.2-	38.3	.7	8.6-	85.3-	1.9
.80	3.50	67.5	.7-	37.5	.9	8.0-	83.1-	3.2
1.20	3.50	67.5	1.2-	37.2	.9	8.8-	83.3-	2.9
1.60	3.50	67.5	1.7-	36.8	.9	8.9-	82.5-	2.7
2.00	3.50	67.5	2.3-	36.3	.8	9.3-	81.9-	3.2
2.40	3.50	67.5	2.3-	35.8	1.0	9.7-	81.2-	3.0
2.80	3.50	67.5	2.4-	35.3	1.1	10.0-	80.6-	3.3
3.20	3.50	67.5	2.3-	34.5	1.1	10.0-	79.1-	3.9
3.60	3.50	67.5	2.0-	34.1	1.5	10.2-	78.5-	3.8
4.00	3.50	67.5	1.8-	33.6	1.3	10.3-	77.5-	4.3
4.40	3.50	67.5	1.3-	33.0	1.5	10.6-	76.5-	4.4
4.80	3.50	67.5	1.3-	32.9	.1	10.7-	76.5-	5.3
5.20	3.50	67.5	.3-	32.3	.7	10.9-	75.5-	6.6
.00	3.90	67.5	.0	38.3	.0	8.9-	85.6-	.4
.40	3.90	67.5	.0	38.1	.7	8.3-	84.5-	1.2
.80	3.90	67.5	.2-	37.5	1.3	8.2-	83.2-	2.2
1.20	3.90	67.5	1.2-	37.2	.7	9.4-	83.8-	1.6
1.60	3.90	67.5	1.3-	36.9	.8	10.3-	84.0-	1.1
2.00	3.90	67.5	1.7-	36.5	.7	11.0-	84.0-	.7

2.40	3.90	67.5	1.7-	35.8	1.3	11.4-	83.1-	.4
2.80	3.90	67.5	2.2-	35.4	.7	11.8-	82.6-	.5
3.20	3.90	67.5	1.6-	34.7	1.8	12.4-	81.8-	.8
3.60	3.90	67.5	1.6-	34.2	1.4	12.8-	81.3-	.1-
4.00	3.90	67.5	1.4-	33.7	1.4	13.3-	80.6-	.0
4.40	3.90	67.5	1.0-	33.2	1.6	13.8-	80.3-	.0-
4.80	3.90	67.5	.9-	33.0	.6	14.2-	80.2-	.9
5.20	3.90	67.5	.0	32.4	.9	14.3-	79.1-	2.1
.00	4.30	67.5	.0	37.8	.0	7.8-	83.3-	.5
.40	4.30	67.5	.0	37.9	.6	7.4-	83.2-	1.7
.80	4.30	67.5	.0	37.5	1.1	7.5-	82.5-	2.4
1.20	4.30	67.5	.5-	37.2	.6	9.0-	83.4-	.9
1.60	4.30	67.5	.7-	36.9	1.0	10.5-	84.4-	.3-
2.00	4.30	67.5	1.2-	36.6	.4	11.7-	84.8-	1.4-
2.40	4.30	67.5	1.4-	35.9	.0	12.2-	84.0-	1.3-
2.80	4.30	67.5	1.3-	35.4	.7	12.9-	83.8-	2.5-
3.20	4.30	67.5	1.0-	35.0	1.5	13.9-	83.8-	1.7-
3.60	4.30	67.5	1.0-	34.3	1.3	14.6-	83.2-	2.4-
4.00	4.30	67.5	.7-	33.8	1.8	15.4-	82.9-	2.7-
4.40	4.30	67.5	.3-	33.5	2.0	16.0-	83.0-	3.7-
4.80	4.30	67.5	.5-	33.1	1.1	16.4-	82.7-	3.4-
5.20	4.30	67.5	.0	32.4	.5	16.4-	81.3-	2.2-
.00	4.80	67.5	.0	37.8	.0	4.2-	79.8-	.6
.40	4.80	67.5	.0	37.9	.0	6.2-	82.0-	.0
.80	4.80	67.5	.0	37.5	.0	7.2-	82.2-	.0
1.20	4.80	67.5	.0	37.2	.0	5.9-	80.3-	.0
1.60	4.80	67.5	.0	36.9	.0	7.4-	81.3-	.0
2.00	4.80	67.5	.0	36.6	.0	7.1-	80.3-	.0
2.40	4.80	67.5	.0	35.9	.0	8.2-	80.0-	.0
2.80	4.80	67.5	.0	35.4	.0	9.0-	79.9-	.0
3.20	4.80	67.5	.0	35.0	.0	9.5-	79.4-	.0
3.60	4.80	67.5	.0	34.3	.0	10.6-	79.3-	.0
4.00	4.80	67.5	.0	33.8	.0	11.2-	78.8-	.0
4.40	4.80	67.5	.0	33.5	.0	11.7-	78.7-	.0
4.80	4.80	67.5	.0	33.1	.0	11.9-	78.1-	.0
5.20	4.80	67.5	.0	32.4	.0	11.0-	75.9-	.0
1.00	.10-	67.5	.0	.0	10.5	.0	160.6-	40.7-
1.10	.10-	67.5	6.6	24.9	12.5	9.4-	138.9-	32.2-
1.20	.10-	67.5	4.5	33.3	5.7	12.7-	127.9-	16.8-
1.30	.10-	67.5	.8	40.4		16.1-	119.6-	11.1-
1.40	.10-	67.5	.7-	44.2	1.9-	16.3-	111.2-	7.0-
1.50	.10-	67.5	1.6-	46.1		16.4-	105.5-	5.4-
1.60	.10-	67.5	2.5-	47.0	3.7-	15.9-	100.5-	2.3-
1.70	.10-	67.5	2.4-	46.4		15.0-	98.5-	.2-
1.80	.10-	67.5	3.1-	46.5	3.3-	14.2-	95.1-	1.7
1.90	.10-	67.5	2.9-	46.0		13.6-	93.5-	2.3
2.00	.10-	67.5	3.1-	45.4	2.9-	12.9-	91.8-	3.4
2.20	.10-	67.5	2.3-	44.2		11.6-	88.4-	5.3
2.40	.10-	67.5	2.4-	42.8	1.0-	10.8-	87.9-	5.8
2.60	.10-	67.5	2.5-	41.9		10.2-	85.7-	7.5
2.80	.10-	67.5	2.1-	41.1	.4-	9.3-	83.4-	7.9

3.00	.10-	67.5	2.1-	40.4		8.5-	81.3-	8.5
3.20	.10-	67.5	1.9-	39.6	.4-	8.5-	79.9-	9.3
3.60	.10-	67.5	1.3-	38.4	.0-	8.0-	77.2-	10.5
4.00	.10-	67.5	1.0-	36.7	.1	7.4-	75.8-	11.4
4.40	.10-	67.5	.5-	35.5	.6	7.4-	73.5-	12.3
4.80	.10-	67.5	.2-	33.9	.4	6.7-	72.2-	14.2
5.20	.10-	67.5	.4-	32.6	.3-	6.3-	71.5-	15.7
1.00	.30-	67.5	.0	.0	5.8-	.0	173.5-	38.7-
1.10	.30-	67.5	1.2-	13.1	2.2-	15.1-	163.7-	38.8-
1.20	.30-	67.5	.9-	30.4	1.5	25.0-	155.1-	37.3-
1.30	.30-	67.5	.4-	40.5		29.7-	145.4-	31.6-
1.40	.30-	67.5	1.1-	45.4	2.3-	32.1-	136.6-	28.7-
1.50	.30-	67.5	.9-	48.1		33.1-	129.4-	25.2-
1.60	.30-	67.5	1.5-	49.6	3.0-	33.5-	122.8-	22.8-
1.70	.30-	67.5	1.7-	48.5		32.7-	120.1-	19.7-
1.80	.30-	67.5	2.2-	49.8	2.9-	32.0-	112.7-	17.6-
1.90	.30-	67.5	2.6-	47.7		31.1-	114.0-	15.9-
2.00	.30-	67.5	2.3-	47.0	2.1-	30.7-	112.4-	14.8-
2.20	.30-	67.5	2.2-	45.5		30.0-	109.1-	12.7-
2.40	.30-	67.5	2.1-	44.4		29.7-	106.9-	13.0-
2.60	.30-	67.5	2.3-	43.4		29.6-	105.1-	12.1-
2.80	.30-	67.5	1.6-	42.4		29.1-	102.8-	11.2-
3.00	.30-	67.5	1.6-	41.5		28.6-	100.7-	10.6-
3.20	.30-	67.5	1.6-	40.7		27.9-	98.7-	9.9-
3.60	.30-	67.5	1.0-	38.8		27.1-	97.0-	7.8-
4.00	.30-	67.5	1.0-	37.0		26.8-	95.8-	7.2-
4.40	.30-	67.5	.5-	35.6		27.0-	93.5-	6.9-
4.80	.30-	67.5	.0	34.2		27.0-	93.1-	5.2-
5.20	.30-	67.5	.4-	33.2		26.8-	93.1-	4.6-
1.00	.50-	67.5	.0	.0	3.6-	.0	187.6-	41.7-
1.10	.50-	67.5	2.1-	12.9		14.9-	178.0-	38.9-
1.20	.50-	67.5	2.6-	28.4	.8	24.3-	165.0-	37.3-
1.30	.50-	67.5	1.8-	40.0		30.4-	153.7-	33.9-
1.40	.50-	67.5	1.7-	45.3	1.6-	33.5-	145.4-	30.9-
1.50	.50-	67.5	1.8-	47.9		35.7-	138.3-	29.3-
1.60	.50-	67.5	1.6-	49.4	2.3-	36.6-	132.0-	26.8-
1.70	.50-	67.5	1.9-	49.8		37.1-	126.8-	25.1-
1.80	.50-	67.5	1.8-	49.4	1.9-	37.1-	123.1-	23.4-
1.90	.50-	67.5	2.1-	49.1		36.6-	119.0-	22.2-
2.00	.50-	67.5	2.1-	48.2	1.6-	36.2-	117.1-	21.5-
2.20	.50-	67.5	2.0-	46.7		35.1-	113.4-	17.8-
2.40	.50-	67.5	1.9-	44.9	.2-	34.0-	112.0-	17.1-
2.60	.50-	67.5	1.9-	43.3		33.5-	111.4-	15.9-
2.80	.50-	67.5	1.5-	42.3	.1-	33.0-	109.2-	16.0-
3.00	.50-	67.5	1.5-	41.6		32.5-	107.4-	14.0-
3.20	.50-	67.5	1.5-	40.8	.2-	31.9-	105.4-	13.6-
3.60	.50-	67.5	1.0-	39.5	.4-	30.9-	102.0-	12.1-
4.00	.50-	67.5	.7-	37.5	.1	30.0-	99.9-	10.5-
4.40	.50-	67.5	.2-	36.1	.5	29.1-	96.4-	8.2-
4.80	.50-	67.5	.0	34.6	.8	28.4-	95.3-	6.5-
5.20	.50-	67.5	.4-	32.9	.3-	28.0-	93.8-	5.8-
1.00	.70-	67.5	.0	.0	3.6-	.0	205.6-	45.7-

1.10	.70-	67.5	2.0-	13.2		15.6-	182.7-	40.7-
1.20	.70-	67.5	2.7-	29.0	.3-	25.0-	168.7-	37.6-
1.30	.70-	67.5	2.3-	40.4		31.5-	155.9-	35.4-
1.40	.70-	67.5	2.1-	45.8	.7-	33.9-	146.9-	31.4-
1.50	.70-	67.5	2.1-	48.4		35.6-	139.5-	29.5-
1.60	.70-	67.5	1.9-	49.8	1.6-	36.8-	133.0-	28.0-
1.70	.70-	67.5	2.2-	50.4		37.1-	127.8-	25.8-
1.80	.70-	67.5	1.9-	50.1	1.5-	36.9-	123.9-	23.6-
1.90	.70-	67.5	2.0-	49.7		36.4-	119.8-	22.5-
2.00	.70-	67.5	2.1-	49.0	1.7-	35.7-	117.9-	21.2-
2.20	.70-	67.5	1.5-	47.5		34.2-	113.9-	17.4-
2.40	.70-	67.5	2.0-	45.4		32.8-	111.7-	15.6-
2.60	.70-	67.5	1.7-	43.7		32.0-	110.8-	14.5-
2.80	.70-	67.5	1.2-	42.9		31.4-	108.6-	13.7-
3.00	.70-	67.5	1.5-	41.9		30.9-	106.4-	12.5-
3.20	.70-	67.5	1.0-	41.1		30.0-	104.1-	11.2-
3.60	.70-	67.5	.8-	39.6		28.7-	99.9-	9.5-
4.00	.70-	67.5	.3-	37.4		27.7-	97.5-	7.8-
4.40	.70-	67.5	.0	36.1		26.9-	94.2-	6.5-
4.80	.70-	67.5	.0	34.4		26.4-	92.9-	4.7-
5.20	.70-	67.5	.4-	32.9		25.7-	91.5-	3.3-
1.00	.90-	67.5	.0	.0	3.6-	.0	202.8-	49.4-
1.10	.90-	67.5	1.4-	11.8		15.5-	183.0-	43.0-
1.20	.90-	67.5	2.3-	27.7	.9	24.5-	168.6-	37.3-
1.30	.90-	67.5	2.3-	39.7		30.3-	157.4-	34.1-
1.40	.90-	67.5	1.7-	46.0	.1	32.8-	146.4-	30.8-
1.50	.90-	67.5	2.3-	48.6		34.3-	138.6-	28.1-
1.60	.90-	67.5	2.1-	50.0	1.3-	35.6-	132.3-	26.7-
1.70	.90-	67.5	2.0-	50.6		36.0-	127.0-	24.7-
1.80	.90-	67.5	2.1-	50.1	1.6-	35.9-	123.0-	22.7-
1.90	.90-	67.5	2.1-	49.7		35.7-	119.0-	21.3-
2.00	.90-	67.5	2.1-	48.8	1.2-	35.1-	117.0-	20.4-
2.20	.90-	67.5	1.5-	47.2		34.1-	113.2-	16.9-
2.40	.90-	67.5	1.9-	45.7	.9-	33.3-	110.1-	16.5-
2.60	.90-	67.5	1.4-	43.9		33.0-	109.2-	15.2-
2.80	.90-	67.5	1.3-	42.8	.1-	32.6-	107.0-	14.3-
3.00	.90-	67.5	1.3-	41.8		32.1-	104.8-	13.9-
3.20	.90-	67.5	1.0-	40.8	.1	31.7-	102.7-	13.0-
3.60	.90-	67.5	.7-	38.8	.4-	31.3-	101.2-	11.5-
4.00	.90-	67.5	.0	36.7	.6	30.7-	99.1-	10.8-
4.40	.90-	67.5	.0	35.3	.2	29.4-	95.3-	8.8-
4.80	.90-	67.5	.0	33.6	.3	28.4-	93.2-	6.5-
5.20	.90-	67.5	.0	32.5	.6	27.6-	92.7-	5.1-
1.00	1.10-	67.5	.0	.0		.0	224.3-	51.8-
1.10	1.10-	67.5	1.5-	12.6		17.8-	197.2-	46.8-
1.20	1.10-	67.5	2.2-	29.3		28.3-	181.0-	43.4-
1.30	1.10-	67.5	2.3-	41.1		33.9-	165.6-	37.8-
1.40	1.10-	67.5	1.9-	47.6		36.4-	154.0-	34.7-
1.50	1.10-	67.5	2.4-	50.3		37.9-	145.7-	31.8-
1.60	1.10-	67.5	2.0-	51.8		38.9-	138.9-	30.2-
1.70	1.10-	67.5	2.1-	52.0		39.2-	132.9-	27.6-
1.80	1.10-	67.5	2.2-	51.7		38.8-	128.6-	25.8-

1.90	1.10-	67.5	1.9-	51.3	38.1-	124.2-	23.0-	
2.00	1.10-	67.5	2.2-	50.3	37.4-	121.8-	22.2-	
2.20	1.10-	67.5	1.6-	48.4	35.9-	117.2-	19.8-	
2.40	1.10-	67.5	1.7-	46.8	34.7-	113.3-	17.3-	
2.60	1.10-	67.5	1.3-	45.5	34.3-	110.6-	16.4-	
2.80	1.10-	67.5	1.1-	43.6	33.8-	109.6-	15.6-	
3.00	1.10-	67.5	1.1-	42.6	33.3-	107.4-	14.7-	
3.20	1.10-	67.5	.8-	41.8	32.9-	105.6-	14.3-	
3.60	1.10-	67.5	.3-	39.6	32.2-	103.5-	12.7-	
4.00	1.10-	67.5	.2	37.5	31.6-	101.6-	11.8-	
4.40	1.10-	67.5	.4	36.2	30.9-	98.5-	10.2-	
4.80	1.10-	67.5	.0	34.8	30.0-	97.2-	7.8-	
5.20	1.10-	67.5	.0	33.6	29.4-	96.7-	7.3-	
1.00	1.30-	67.5	.0	.0	3.5-	.0	226.4-	53.3-
1.10	1.30-	67.5	1.3-	12.9		18.3-	202.1-	48.6-
1.20	1.30-	67.5	1.7-	31.3	.8	29.0-	183.7-	44.7-
1.30	1.30-	67.5	2.0-	43.0		34.8-	167.3-	39.2-
1.40	1.30-	67.5	1.8-	49.3		38.1-	155.7-	36.5-
1.50	1.30-	67.5	1.8-	52.2		40.0-	148.0-	34.1-
1.60	1.30-	67.5	2.1-	53.2	.4-	41.2-	140.5-	32.6-
1.70	1.30-	67.5	2.0-	53.6		42.2-	135.4-	31.0-
1.80	1.30-	67.5	2.2-	52.6		41.9-	133.3-	28.4-
1.90	1.30-	67.5	1.9-	52.0		41.0-	128.3-	26.2-
2.00	1.30-	67.5	2.2-	51.7	1.2-	40.4-	124.2-	25.1-
2.20	1.30-	67.5	1.5-	49.7		39.0-	119.5-	22.1-
2.40	1.30-	67.5	1.5-	48.0	.2-	37.9-	115.7-	20.6-
2.60	1.30-	67.5	1.3-	46.5		37.3-	112.6-	19.4-
2.80	1.30-	67.5	1.1-	44.6	.0	37.1-	111.9-	18.9-
3.00	1.30-	67.5	1.0-	43.4		37.0-	109.8-	18.5-
3.20	1.30-	67.5	.5-	42.5	.4	36.8-	108.2-	17.9-
3.60	1.30-	67.5	.2-	40.0	.2	36.2-	105.8-	17.1-
4.00	1.30-	67.5	.2	38.0	.3	35.4-	103.9-	15.2-
4.40	1.30-	67.5	.4	36.2	.3	34.3-	101.8-	13.4-
4.80	1.30-	67.5	.2	35.2	.2	33.8-	99.6-	11.7-
5.20	1.30-	67.5	.0	33.4	.0	33.1-	99.8-	11.1-
1.00	1.50-	67.5	.0	.0		.0	221.8-	54.2-
1.10	1.50-	67.5	1.1-	12.5		16.0-	194.2-	48.3-
1.20	1.50-	67.5	1.2-	30.5		24.1-	175.2-	40.9-
1.30	1.50-	67.5	1.9-	41.5		28.4-	161.1-	34.7-
1.40	1.50-	67.5	1.5-	49.7		28.9-	143.3-	27.2-
1.50	1.50-	67.5	1.4-	51.4		30.5-	137.0-	25.3-
1.60	1.50-	67.5	2.0-	51.8		31.3-	131.5-	23.2-
1.70	1.50-	67.5	1.9-	53.0		31.4-	123.5-	19.9-
1.80	1.50-	67.5	2.2-	52.5		31.3-	119.3-	17.9-
1.90	1.50-	67.5	1.9-	52.2		30.6-	115.1-	15.7-
2.00	1.50-	67.5	1.7-	51.2		29.9-	112.7-	14.1-
2.20	1.50-	67.5	1.5-	48.9		29.3-	108.5-	12.4-
2.40	1.50-	67.5	1.2-	47.5		28.7-	105.6-	11.5-
2.60	1.50-	67.5	1.3-	45.4		28.0-	104.2-	9.9-
2.80	1.50-	67.5	1.1-	44.3		27.3-	101.6-	9.0-
3.00	1.50-	67.5	1.0-	43.4		26.6-	99.5-	7.7-
3.20	1.50-	67.5	.3-	42.3		26.3-	97.3-	7.0-

3.60	1.50-	67.5	.0	40.2		25.8-	95.7-	6.1-
4.00	1.50-	67.5	.3	38.3		25.9-	94.9-	6.1-
4.40	1.50-	67.5	.4	37.1		25.9-	92.7-	5.0-
4.80	1.50-	67.5	.4	35.3		26.5-	92.2-	5.0-
5.20	1.50-	67.5	.0	33.5		26.4-	93.5-	5.0-
1.00	1.70-	67.5	.0	.0	3.5-	.0	237.1-	55.5-
1.10	1.70-	67.5	1.2-	13.1		17.1-	204.1-	50.5-
1.20	1.70-	67.5	1.3-	31.9	2.9	25.7-	183.6-	43.6-
1.30	1.70-	67.5	1.6-	42.4		31.6-	167.2-	37.8-
1.40	1.70-	67.5	.8-	51.1		34.6-	152.1-	33.3-
1.50	1.70-	67.5	1.3-	52.6		35.7-	144.7-	29.9-
1.60	1.70-	67.5	2.0-	54.2	.5	36.8-	137.7-	28.7-
1.70	1.70-	67.5	1.9-	54.2		37.1-	131.4-	25.6-
1.80	1.70-	67.5	1.5-	53.8		36.8-	127.0-	22.6-
1.90	1.70-	67.5	1.5-	53.2		36.0-	122.1-	20.5-
2.00	1.70-	67.5	1.4-	52.2	1.0	35.2-	119.7-	19.6-
2.20	1.70-	67.5	1.2-	50.0		34.3-	115.2-	16.6-
2.40	1.70-	67.5	1.1-	48.4	.7	33.4-	111.8-	15.4-
2.60	1.70-	67.5	.8-	47.1		32.5-	108.7-	14.3-
2.80	1.70-	67.5	.7-	45.1	.4	31.6-	107.3-	12.2-
3.00	1.70-	67.5	.7-	44.0		30.7-	104.6-	12.0-
3.20	1.70-	67.5	.3-	43.0	.4	30.2-	102.4-	10.9-
3.60	1.70-	67.5	.2	40.7	.3	29.3-	100.1-	9.5-
4.00	1.70-	67.5	.7	38.6	.7	28.7-	98.1-	8.6-
4.40	1.70-	67.5	.4	37.0	.5-	28.0-	94.6-	7.6-
4.80	1.70-	67.5	.4	35.3	.1-	27.7-	93.6-	6.3-
5.20	1.70-	67.5	.0	33.3	.0	27.4-	94.0-	6.0-
1.00	1.90-	67.5	.0	.0		.0	232.5-	56.1-
1.10	1.90-	67.5	1.2-	13.2		17.1-	205.1-	51.2-
1.20	1.90-	67.5	1.3-	32.1		26.1-	184.9-	44.5-
1.30	1.90-	67.5	1.4-	43.1		32.2-	170.2-	38.9-
1.40	1.90-	67.5	.2-	51.0		35.2-	156.8-	34.8-
1.50	1.90-	67.5	1.0-	53.7		36.3-	147.6-	30.7-
1.60	1.90-	67.5	1.8-	55.1		37.4-	140.1-	29.4-
1.70	1.90-	67.5	1.4-	55.2		37.6-	133.7-	26.5-
1.80	1.90-	67.5	1.5-	54.7		37.3-	129.1-	23.3-
1.90	1.90-	67.5	1.4-	54.2		36.5-	124.2-	20.9-
2.00	1.90-	67.5	1.3-	53.1		35.6-	121.7-	19.3-
2.20	1.90-	67.5	.9-	50.8		34.8-	117.0-	17.2-
2.40	1.90-	67.5	1.1-	49.1		34.1-	113.6-	15.7-
2.60	1.90-	67.5	.7-	47.2		33.4-	109.9-	14.4-
2.80	1.90-	67.5	.5-	45.0		32.6-	108.1-	13.2-
3.00	1.90-	67.5	.3-	43.7		31.8-	105.1-	12.5-
3.20	1.90-	67.5	.0	42.4		31.4-	102.5-	11.9-
3.60	1.90-	67.5	.4	39.6		30.6-	99.5-	10.1-
4.00	1.90-	67.5	.7	37.3		30.2-	97.4-	10.2-
4.40	1.90-	67.5	.7	35.9		29.8-	94.5-	9.6-
4.80	1.90-	67.5	.4	34.4		29.4-	93.5-	8.5-
5.20	1.90-	67.5	.0	32.6		29.1-	94.3-	8.0-
1.00	2.10-	67.5	.0	.0	4.0-	.0	232.1-	56.4-
1.10	2.10-	67.5	1.2-	13.2		17.0-	205.0-	51.8-

1.20	2.10-	67.5	1.4-	32.1	4.5	25.9-	184.7-	45.3-
1.30	2.10-	67.5	1.1-	43.1		32.0-	170.0-	38.4-
1.40	2.10-	67.5	.4-	50.7		35.0-	155.9-	34.3-
1.50	2.10-	67.5	.7-	53.4		35.9-	146.4-	30.8-
1.60	2.10-	67.5	1.7-	54.9	2.9	36.7-	139.0-	28.3-
1.70	2.10-	67.5	1.3-	55.0		37.0-	132.7-	25.9-
1.80	2.10-	67.5	1.0-	54.4		36.8-	128.1-	22.3-
1.90	2.10-	67.5	1.4-	53.5		36.0-	123.2-	20.5-
2.00	2.10-	67.5	1.2-	52.5	1.7	35.3-	120.8-	18.2-
2.20	2.10-	67.5	.8-	50.6		34.5-	116.5-	16.2-
2.40	2.10-	67.5	1.0-	48.9	1.1	33.8-	113.0-	15.2-
2.60	2.10-	67.5	.3-	47.3		32.7-	109.2-	13.6-
2.80	2.10-	67.5	.2-	45.6	1.0	31.5-	107.4-	12.1-
3.00	2.10-	67.5	.0	43.9		30.9-	104.6-	11.6-
3.20	2.10-	67.5	.0	42.8	.1	30.8-	102.7-	11.2-
3.60	2.10-	67.5	.7	40.4	.4	30.2-	100.4-	10.3-
4.00	2.10-	67.5	.7	38.2	.1	29.5-	98.3-	10.0-
4.40	2.10-	67.5	.9	36.6	.1-	28.9-	94.8-	8.4-
4.80	2.10-	67.5	.4	35.1	.8-	28.7-	94.1-	7.8-
5.20	2.10-	67.5	.0	33.1	.3-	28.3-	94.6-	7.6-
1.00	2.30-	67.5	.0	.0		.0	231.8-	56.8-
1.10	2.30-	67.5	1.2-	13.2		16.8-	204.8-	51.6-
1.20	2.30-	67.5	1.4-	32.1		25.6-	184.4-	44.9-
1.30	2.30-	67.5	1.1-	43.1		31.7-	169.8-	38.7-
1.40	2.30-	67.5	.6-	50.4		34.7-	154.9-	33.6-
1.50	2.30-	67.5	.7-	53.0		35.2-	145.1-	29.1-
1.60	2.30-	67.5	1.7-	54.7		35.9-	137.8-	27.5-
1.70	2.30-	67.5	1.1-	54.7		36.1-	131.3-	24.6-
1.80	2.30-	67.5	.9-	54.1		36.0-	126.8-	21.1-
1.90	2.30-	67.5	1.1-	52.7		35.4-	123.9-	19.5-
2.00	2.30-	67.5	.9-	51.7		34.9-	121.7-	17.2-
2.20	2.30-	67.5	.8-	50.5		34.1-	115.9-	15.1-
2.40	2.30-	67.5	.7-	48.7		33.2-	112.1-	13.7-
2.60	2.30-	67.5	.0	47.3		31.9-	108.5-	12.8-
2.80	2.30-	67.5	.0	46.1		30.6-	105.2-	10.6-
3.00	2.30-	67.5	.0	44.2		29.9-	104.1-	10.8-
3.20	2.30-	67.5	.0	43.3		29.8-	102.4-	10.0-
3.60	2.30-	67.5	.7	41.2		28.9-	100.5-	9.2-
4.00	2.30-	67.5	1.0	39.0		27.9-	98.2-	8.0-
4.40	2.30-	67.5	.9	37.3		26.9-	94.1-	6.7-
4.80	2.30-	67.5	.4	35.8		26.9-	93.7-	6.7-
5.20	2.30-	67.5	.0	33.6		26.5-	93.8-	6.4-
1.00	2.50-	67.5	.0	.0	3.9-	.0	238.4-	57.1-
1.10	2.50-	67.5	1.2-	13.4		17.2-	208.3-	51.9-
1.20	2.50-	67.5	1.3-	31.9	5.1	26.3-	187.2-	45.3-
1.30	2.50-	67.5	1.3-	43.5		33.1-	172.2-	39.8-
1.40	2.50-	67.5	.4-	50.4		36.1-	157.1-	35.2-
1.50	2.50-	67.5	.6-	53.3		36.5-	147.0-	29.7-
1.60	2.50-	67.5	.9-	54.7	4.6	37.1-	139.1-	28.3-
1.70	2.50-	67.5	1.1-	54.8		37.3-	132.6-	25.3-
1.80	2.50-	67.5	.9-	54.6		37.4-	128.2-	22.3-
1.90	2.50-	67.5	1.0-	53.4		37.0-	125.4-	20.7-

2.00	2.50-	67.5	.9-	52.3	2.7	36.5-	123.1-	18.7-
2.20	2.50-	67.5	.5-	50.7		35.2-	116.6-	16.1-
2.40	2.50-	67.5	.3-	48.9	2.2	33.9-	112.4-	14.3-
2.60	2.50-	67.5	.0	47.4		32.6-	108.7-	12.9-
2.80	2.50-	67.5	.4	46.1	1.4	31.3-	105.2-	10.8-
3.00	2.50-	67.5	.3	44.1		30.3-	103.7-	10.6-
3.20	2.50-	67.5	.4	42.7	.2-	29.8-	101.5-	9.7-
3.60	2.50-	67.5	1.1	40.4	.2-	28.6-	98.8-	8.5-
4.00	2.50-	67.5	1.4	38.6	.0-	27.7-	96.6-	7.9-
4.40	2.50-	67.5	.9	36.7	.4-	26.9-	93.0-	6.9-
4.80	2.50-	67.5	.3	35.2	.9-	26.7-	92.4-	6.7-
5.20	2.50-	67.5	.0	33.4	.5-	26.1-	92.9-	6.6-
1.00	2.70-	67.5	.0	.0	.0	245.1-	57.3-	
1.10	2.70-	67.5	1.2-	13.7	17.7-	212.0-	52.4-	
1.20	2.70-	67.5	1.3-	31.5	27.3-	191.4-	46.3-	
1.30	2.70-	67.5	1.4-	43.8	34.6-	174.7-	41.0-	
1.40	2.70-	67.5	.3-	50.1	37.7-	161.3-	36.8-	
1.50	2.70-	67.5	.6-	53.6	38.3-	149.3-	31.1-	
1.60	2.70-	67.5	.7-	54.7	38.8-	140.9-	28.8-	
1.70	2.70-	67.5	.9-	54.8	39.2-	134.5-	26.2-	
1.80	2.70-	67.5	1.0-	54.8	39.3-	128.1-	23.6-	
1.90	2.70-	67.5	.9-	54.2	38.8-	123.5-	21.7-	
2.00	2.70-	67.5	.6-	52.9	38.1-	120.8-	19.6-	
2.20	2.70-	67.5	.5-	50.7	36.0-	115.2-	16.4-	
2.40	2.70-	67.5	.0	48.8	34.3-	110.6-	14.6-	
2.60	2.70-	67.5	.3	47.3	32.8-	106.6-	12.8-	
2.80	2.70-	67.5	.7	45.9	31.2-	103.0-	10.7-	
3.00	2.70-	67.5	.7	43.9	30.3-	101.4-	10.2-	
3.20	2.70-	67.5	.7	42.2	29.7-	100.4-	9.5-	
3.60	2.70-	67.5	1.2	39.6	28.6-	97.4-	9.2-	
4.00	2.70-	67.5	1.4	38.0	28.0-	94.1-	8.0-	
4.40	2.70-	67.5	1.0	36.1	27.2-	92.2-	7.5-	
4.80	2.70-	67.5	.7	34.6	26.7-	91.3-	7.4-	
5.20	2.70-	67.5	.0	33.2	26.0-	92.4-	7.0-	
1.00	2.90-	67.5	.0	.0	3.9-	.0	242.6-	57.1-
1.10	2.90-	67.5	2.1-	13.5		17.4-	209.8-	51.2-
1.20	2.90-	67.5	1.6-	31.3	8.0	27.1-	190.3-	45.6-
1.30	2.90-	67.5	1.4-	43.8		34.3-	174.6-	40.4-
1.40	2.90-	67.5	.5-	50.3		37.2-	161.4-	35.6-
1.50	2.90-	67.5	.6-	53.8		38.1-	149.6-	30.9-
1.60	2.90-	67.5	.8-	55.0	5.8	38.7-	141.3-	28.0-
1.70	2.90-	67.5	.9-	55.1		39.2-	135.0-	25.3-
1.80	2.90-	67.5	1.0-	55.2		39.3-	128.6-	23.1-
1.90	2.90-	67.5	.8-	54.5		38.9-	124.0-	20.7-
2.00	2.90-	67.5	.3-	53.3	4.3	38.3-	121.6-	19.4-
2.20	2.90-	67.5	.0	51.0		36.2-	115.9-	15.7-
2.40	2.90-	67.5	.4	49.2	3.0	34.1-	111.0-	13.5-
2.60	2.90-	67.5	.5	47.6		32.4-	106.7-	12.0-
2.80	2.90-	67.5	.7	46.2	2.0	30.8-	103.0-	10.1-
3.00	2.90-	67.5	.7	44.3		30.0-	101.8-	9.5-
3.20	2.90-	67.5	1.1	42.6	.7	29.5-	101.0-	9.2-
3.60	2.90-	67.5	1.4	40.1	.3-	28.4-	98.2-	8.7-

4.00	2.90-	67.5	1.4	38.5	.3-	27.8-	94.6-	8.0-
4.40	2.90-	67.5	1.2	36.4	.4-	27.2-	92.7-	8.5-
4.80	2.90-	67.5	1.0	34.8	.1-	26.9-	91.8-	8.0-
5.20	2.90-	67.5	.0	33.2	.6-	26.3-	92.8-	7.9-
1.00	3.10-	67.5	.0	.0	.0	240.2-	55.8-	
1.10	3.10-	67.5	2.0-	13.4	17.0-	207.4-	49.9-	
1.20	3.10-	67.5	2.1-	31.2	26.5-	189.0-	44.5-	
1.30	3.10-	67.5	1.5-	43.9	33.7-	174.2-	39.9-	
1.40	3.10-	67.5	.8-	50.5	36.3-	161.0-	33.5-	
1.50	3.10-	67.5	.7-	54.1	37.6-	149.5-	30.1-	
1.60	3.10-	67.5	.6-	55.3	38.2-	141.2-	26.0-	
1.70	3.10-	67.5	.6-	55.4	38.5-	134.8-	23.7-	
1.80	3.10-	67.5	.6-	55.5	38.6-	128.5-	21.9-	
1.90	3.10-	67.5	.8-	54.9	38.2-	123.9-	19.5-	
2.00	3.10-	67.5	.3-	53.7	37.9-	121.8-	18.6-	
2.20	3.10-	67.5	.0	51.3	36.0-	116.2-	14.8-	
2.40	3.10-	67.5	.7	49.5	33.7-	111.1-	12.6-	
2.60	3.10-	67.5	1.1	47.9	31.8-	106.5-	10.5-	
2.80	3.10-	67.5	.7	46.5	30.2-	102.8-	9.2-	
3.00	3.10-	67.5	1.1	44.7	29.5-	101.9-	9.0-	
3.20	3.10-	67.5	1.2	43.1	28.9-	101.3-	8.8-	
3.60	3.10-	67.5	1.5	40.6	27.9-	98.5-	8.3-	
4.00	3.10-	67.5	1.4	38.8	26.9-	94.4-	7.3-	
4.40	3.10-	67.5	1.3	36.7	26.3-	92.4-	8.1-	
4.80	3.10-	67.5	1.0	35.0	26.6-	91.9-	7.9-	
5.20	3.10-	67.5	.0	33.2	26.7-	93.2-	8.7-	
.00	.00	90.0	.0	.0	.0	.0	153.8-	.0
.10	.00	90.0	.0	.0	.0	.0	154.1-	.0
.20	.00	90.0	.0	.0	.0	.0	154.5-	.0
.30	.00	90.0	.0	.0	.0	.0	154.2-	.0
.40	.00	90.0	.0	.0	.0	.0	154.5-	.0
.50	.00	90.0	.0	.0	.0	.0	154.6-	.0
.60	.00	90.0	.0	.0	.0	.0	154.4-	.0
.70	.00	90.0	.0	.0	.0	.0	153.8-	.0
.80	.00	90.0	.0	.0	.0	.0	151.1-	.0
.90	.00	90.0	.0	.0	.0	.0	152.8-	.0
.00	.10	90.0	.0	.0	.0	3.7-	154.3-	.0
.10	.10	90.0	.0	.0	.0	4.2-	154.3-	.5-
.20	.10	90.0	.0	.0	.0	5.0-	154.4-	1.0-
.30	.10	90.0	.0	.0	.0	5.3-	154.2-	1.4-
.40	.10	90.0	.0	.0	.0	5.6-	154.0-	1.6-
.50	.10	90.0	.1	.0	.0	5.8-	153.9-	1.7-
.60	.10	90.0	.5	.0	.0	6.3-	153.9-	1.5-
.70	.10	90.0	1.1	.0	.0	7.1-	154.1-	1.5-
.80	.10	90.0	3.1	.0	.0	8.6-	153.6-	1.7-
.90	.10	90.0	9.0	.0	.0	12.2-	157.7-	7.7-
1.00	.10	90.0	13.3	.0	.0	15.1-	173.7-	42.7-
1.10	.10	90.0	4.5-	.0	.0	16.3-	170.4-	52.3-
1.20	.10	90.0	11.5-	.0	.0	22.3-	162.6-	43.1-
1.30	.10	90.0	12.5-	.0	.0	23.9-	153.4-	37.2-

1.40	.10	90.0	12.1-	.0	.0	25.0-	146.4-	34.8-
1.50	.10	90.0	11.7-	.0	.0	24.5-	139.9-	32.1-
1.60	.10	90.0	11.4-	.0	.0	22.8-	135.3-	26.8-
1.70	.10	90.0	10.8-	.0	.0	20.4-	130.1-	22.7-
1.80	.10	90.0	10.1-	.0	.0	18.4-	126.6-	20.5-
1.90	.10	90.0	9.5-	.0	.0	16.4-	123.4-	16.8-
2.00	.10	90.0	8.9-	.0	.0	14.6-	120.5-	14.6-
2.20	.10	90.0	7.8-	.0	.0	11.2-	116.4-	10.1-
2.40	.10	90.0	7.2-	.0	.0	8.1-	112.6-	6.6-
2.60	.10	90.0	6.1-	.0	.0	5.7-	109.6-	3.5-
2.80	.10	90.0	5.7-	.0	.0	4.5-	107.2-	1.9-
3.00	.10	90.0	5.2-	.0	.0	3.2-	105.5-	.2-
3.20	.10	90.0	4.5-	.0	.0	2.0-	103.9-	1.1
3.60	.10	90.0	4.1-	.0	.0	.3	99.7-	4.7
4.00	.10	90.0	3.0-	.0	.0	2.3	95.6-	8.2
4.40	.10	90.0	1.9-	.0	.0	3.4	92.2-	11.2
4.80	.10	90.0	.0	.0	.0	3.2	86.4-	14.9
.00	.30	90.0	.0	.0	.0	4.4-	150.3-	.5-
.10	.30	90.0	.2	.0	.0	4.5-	149.6-	.7-
.20	.30	90.0	.2	.0	.0	4.7-	149.3-	1.3-
.30	.30	90.0	.4	.0	.0	5.1-	149.3-	1.6-
.40	.30	90.0	.9	.0	.0	5.4-	148.6-	1.7-
.50	.30	90.0	1.6	.0	.0	5.7-	148.3-	2.4-
.60	.30	90.0	2.5	.0	.0	6.2-	148.1-	3.7-
.70	.30	90.0	2.6	.0	.0	6.8-	148.5-	8.3-
.80	.30	90.0	5.2	.0	.0	8.3-	149.7-	11.7-
.90	.30	90.0	6.0	.0	.0	11.7-	154.1-	23.3-
1.00	.30	90.0	3.0	.0	.0	13.6-	156.4-	34.5-
1.10	.30	90.0	2.0-	.0	.0	14.6-	155.2-	39.9-
1.20	.30	90.0	6.8-	.0	.0	20.4-	155.4-	44.0-
1.30	.30	90.0	9.3-	.0	.0	24.3-	152.6-	42.3-
1.40	.30	90.0	10.4-	.0	.0	25.3-	147.6-	39.3-
1.50	.30	90.0	10.3-	.0	.0	26.3-	144.3-	38.2-
1.60	.30	90.0	10.5-	.0	.0	26.5-	141.2-	35.0-
1.70	.30	90.0	10.1-	.0	.0	25.4-	137.7-	31.2-
1.80	.30	90.0	9.5-	.0	.0	23.5-	134.5-	28.3-
1.90	.30	90.0	9.2-	.0	.0	22.2-	132.2-	25.1-
2.00	.30	90.0	8.6-	.0	.0	21.6-	130.5-	23.4-
2.20	.30	90.0	7.5-	.0	.0	20.3-	127.5-	20.8-
2.40	.30	90.0	7.0-	.0	.0	19.0-	125.0-	18.5-
2.60	.30	90.0	6.1-	.0	.0	17.8-	123.1-	16.5-
2.80	.30	90.0	5.6-	.0	.0	16.5-	121.2-	14.9-
3.00	.30	90.0	5.1-	.0	.0	15.3-	119.4-	13.2-
3.20	.30	90.0	4.7-	.0	.0	14.2-	118.0-	11.5-
3.60	.30	90.0	4.0-	.0	.0	12.3-	113.8-	8.4-
4.00	.30	90.0	3.2-	.0	.0	10.6-	110.0-	5.0-
4.40	.30	90.0	1.9-	.0	.0	9.4-	106.1-	2.1-
4.80	.30	90.0	.0	.0	.0	9.7-	101.2-	1.8
.00	.50	90.0	.0	.0	.0	2.2-	139.7-	1.5-
.10	.50	90.0	.2	.0	.0	1.9-	138.2-	1.2-
.20	.50	90.0	.5	.0	.0	1.8-	137.7-	1.0-
.30	.50	90.0	.7	.0	.0	2.1-	137.7-	1.9-

.40	.50	90.0	1.2	.0	.0	2.3-	137.2-	2.8-
.50	.50	90.0	1.6	.0	.0	2.5-	136.7-	3.9-
.60	.50	90.0	2.4	.0	.0	2.4-	135.5-	5.7-
.70	.50	90.0	2.7	.0	.0	2.1-	134.7-	7.8-
.80	.50	90.0	2.6	.0	.0	1.5-	133.6-	10.7-
.90	.50	90.0	1.8	.0	.0	1.3-	132.5-	14.8-
1.00	.50	90.0	.0	.0	.0	1.7-	131.3-	18.5-
1.10	.50	90.0	1.9-	.0	.0	1.7-	129.4-	21.0-
1.20	.50	90.0	4.6-	.0	.0	4.1-	129.2-	23.2-
1.30	.50	90.0	6.7-	.0	.0	6.2-	127.6-	23.4-
1.40	.50	90.0	7.6-	.0	.0	7.1-	125.3-	22.8-
1.50	.50	90.0	8.4-	.0	.0	8.1-	123.5-	20.8-
1.60	.50	90.0	8.9-	.0	.0	9.0-	122.2-	19.3-
1.70	.50	90.0	8.8-	.0	.0	9.4-	120.7-	17.2-
1.80	.50	90.0	8.5-	.0	.0	8.8-	118.7-	15.4-
1.90	.50	90.0	8.4-	.0	.0	8.3-	117.4-	13.8-
2.00	.50	90.0	8.0-	.0	.0	7.8-	116.0-	11.9-
2.20	.50	90.0	7.2-	.0	.0	6.7-	113.1-	8.7-
2.40	.50	90.0	6.6-	.0	.0	5.5-	110.8-	6.4-
2.60	.50	90.0	6.0-	.0	.0	4.4-	109.0-	4.4-
2.80	.50	90.0	5.7-	.0	.0	3.2-	107.7-	2.5-
3.00	.50	90.0	5.2-	.0	.0	2.2-	105.9-	.7-
3.20	.50	90.0	4.7-	.0	.0	1.2-	103.8-	.8
3.60	.50	90.0	4.0-	.0	.0	.5-	100.7-	2.8
4.00	.50	90.0	3.4-	.0	.0	.6-	98.3-	4.9
4.40	.50	90.0	1.9-	.0	.0	.2-	96.0-	6.5
4.80	.50	90.0	.0	.0	.0	.2-	90.0-	11.1
.00	.70	90.0	.0	.0	.0	.1	130.6-	2.6-
.10	.70	90.0	.2	.0	.0	.2	129.9-	2.6-
.20	.70	90.0	.4	.0	.0	.1	130.0-	3.0-
.30	.70	90.0	.7	.0	.0	.1-	129.8-	3.7-
.40	.70	90.0	.9	.0	.0	.0-	129.8-	4.3-
.50	.70	90.0	1.2	.0	.0	.1	129.0-	5.3-
.60	.70	90.0	1.2	.0	.0	.6	127.6-	6.3-
.70	.70	90.0	1.1	.0	.0	1.2	126.1-	7.4-
.80	.70	90.0	.8	.0	.0	1.9	125.0-	8.7-
.90	.70	90.0	.0	.0	.0	2.6	123.8-	9.9-
1.00	.70	90.0	1.0-	.0	.0	3.1	122.4-	11.4-
1.10	.70	90.0	2.3-	.0	.0	3.3	120.4-	12.4-
1.20	.70	90.0	3.8-	.0	.0	3.2	118.5-	12.5-
1.30	.70	90.0	5.1-	.0	.0	2.8	117.1-	12.4-
1.40	.70	90.0	6.1-	.0	.0	2.1	116.2-	11.6-
1.50	.70	90.0	6.5-	.0	.0	1.3	114.8-	11.2-
1.60	.70	90.0	7.1-	.0	.0	.6	113.8-	10.5-
1.70	.70	90.0	7.2-	.0	.0	.1-	113.6-	9.2-
1.80	.70	90.0	7.4-	.0	.0	.8-	112.7-	8.6-
1.90	.70	90.0	7.3-	.0	.0	1.3-	112.3-	7.8-
2.00	.70	90.0	7.2-	.0	.0	1.4-	111.4-	6.7-
2.20	.70	90.0	6.7-	.0	.0	.3-	108.2-	3.9-
2.40	.70	90.0	6.4-	.0	.0	.9	106.1-	.9-
2.60	.70	90.0	5.9-	.0	.0	2.0	103.7-	1.2
2.80	.70	90.0	5.5-	.0	.0	3.2	101.5-	3.2
3.00	.70	90.0	5.1-	.0	.0	4.3	99.6-	5.0

3.20	.70	90.0	4.6-	.0	.0	5.3	97.8-	6.9
3.60	.70	90.0	4.0-	.0	.0	6.1	94.3-	8.9
4.00	.70	90.0	3.5-	.0	.0	5.9	92.2-	11.0
4.40	.70	90.0	1.9-	.0	.0	6.3	90.1-	12.7
4.80	.70	90.0	.0	.0	.0	6.2	85.1-	16.8
.00	.90	90.0	.0	.0	.0	2.4	122.8-	3.5-
.20	.90	90.0	.2	.0	.0	2.6	121.3-	3.5-
.40	.90	90.0	.4	.0	.0	2.9	119.6-	4.5-
.60	.90	90.0	.3	.0	.0	3.3	117.7-	5.2-
.80	.90	90.0	.4-	.0	.0	4.1	116.0-	6.7-
1.00	.90	90.0	1.6-	.0	.0	4.7	114.5-	8.4-
1.20	.90	90.0	3.4-	.0	.0	4.6	112.5-	8.9-
1.40	.90	90.0	4.9-	.0	.0	3.9	111.0-	8.6-
1.60	.90	90.0	5.8-	.0	.0	2.9	110.0-	7.6-
1.80	.90	90.0	6.2-	.0	.0	1.9	109.2-	6.2-
2.00	.90	90.0	6.4-	.0	.0	1.7	108.0-	4.3-
2.20	.90	90.0	6.3-	.0	.0	2.9	105.0-	1.4-
2.40	.90	90.0	5.9-	.0	.0	4.0	102.9-	1.0
2.60	.90	90.0	5.6-	.0	.0	5.0	101.1-	3.6
2.80	.90	90.0	5.5-	.0	.0	6.1	98.9-	5.7
3.00	.90	90.0	5.0-	.0	.0	7.2	97.0-	7.5
3.20	.90	90.0	4.7-	.0	.0	8.2	95.0-	9.4
3.60	.90	90.0	4.0-	.0	.0	9.2	91.4-	11.8
4.00	.90	90.0	3.7-	.0	.0	9.1	88.9-	14.1
4.40	.90	90.0	1.9-	.0	.0	9.2	86.2-	15.4
4.80	.90	90.0	.0	.0	.0	9.1	81.5-	19.2
.00	1.10	90.0	.0	.0	.0	3.2	120.9-	4.1-
.20	1.10	90.0	.0	.0	.0	3.1	119.6-	4.3-
.40	1.10	90.0	.0	.0	.0	3.3	117.6-	5.1-
.60	1.10	90.0	.3-	.0	.0	3.8	115.9-	5.0-
.80	1.10	90.0	.9-	.0	.0	4.1	114.9-	6.2-
1.00	1.10	90.0	1.8-	.0	.0	4.3	113.7-	7.4-
1.20	1.10	90.0	3.2-	.0	.0	4.0	111.9-	8.0-
1.40	1.10	90.0	4.1-	.0	.0	3.5	110.8-	7.8-
1.60	1.10	90.0	5.1-	.0	.0	2.7	109.7-	7.1-
1.80	1.10	90.0	5.4-	.0	.0	1.9	108.3-	6.0-
2.00	1.10	90.0	5.7-	.0	.0	1.1	107.8-	5.2-
2.20	1.10	90.0	5.6-	.0	.0	.4	107.4-	4.2-
2.40	1.10	90.0	5.5-	.0	.0	.2-	106.3-	3.4-
2.60	1.10	90.0	5.3-	.0	.0	.6-	105.9-	2.5-
2.80	1.10	90.0	5.3-	.0	.0	1.0-	105.3-	1.9-
3.00	1.10	90.0	5.0-	.0	.0	1.3-	104.5-	1.3-
3.20	1.10	90.0	4.6-	.0	.0	1.5-	103.5-	.8-
3.60	1.10	90.0	4.1-	.0	.0	1.6-	101.4-	.8
4.00	1.10	90.0	3.7-	.0	.0	1.7-	98.5-	2.9
4.40	1.10	90.0	1.9-	.0	.0	2.0-	98.4-	3.5
4.80	1.10	90.0	.0	.0	.0	2.0-	95.5-	7.7
.00	1.30	90.0	.0	.0	.0	3.9	112.7-	3.8-
.20	1.30	90.0	.3-	.0	.0	3.9	111.9-	4.0-
.40	1.30	90.0	.4-	.0	.0	3.8	111.2-	4.7-
.60	1.30	90.0	.6-	.0	.0	3.9	109.9-	4.9-

.80	1.30	90.0	1.2-	.0	.0	4.1	109.1-	5.3-
1.00	1.30	90.0	1.9-	.0	.0	4.1	108.4-	6.0-
1.20	1.30	90.0	2.9-	.0	.0	4.0	107.4-	6.5-
1.40	1.30	90.0	3.6-	.0	.0	3.5	106.8-	6.3-
1.60	1.30	90.0	4.3-	.0	.0	2.9	106.4-	6.1-
1.80	1.30	90.0	4.8-	.0	.0	2.1	106.0-	5.4-
2.00	1.30	90.0	5.0-	.0	.0	1.4	105.7-	4.8-
2.20	1.30	90.0	5.1-	.0	.0	.8	104.9-	4.2-
2.40	1.30	90.0	5.2-	.0	.0	.4	104.2-	3.0-
2.60	1.30	90.0	5.0-	.0	.0	.0-	103.8-	2.3-
2.80	1.30	90.0	4.8-	.0	.0	.4-	103.0-	1.7-
3.00	1.30	90.0	4.7-	.0	.0	.7-	102.0-	1.0-
3.20	1.30	90.0	4.5-	.0	.0	1.0-	101.3-	.7-
3.60	1.30	90.0	4.1-	.0	.0	1.6-	101.6-	.4
4.00	1.30	90.0	3.4-	.0	.0	2.1-	97.5-	1.8
4.40	1.30	90.0	1.9-	.0	.0	2.2-	96.5-	3.1
4.80	1.30	90.0	.0	.0	.0	2.1-	93.2-	6.5
.00	1.50	90.0	.0	.0	.0	4.8	110.1-	3.4-
.20	1.50	90.0	.3-	.0	.0	4.6	108.9-	3.5-
.40	1.50	90.0	.5-	.0	.0	4.6	108.3-	3.2-
.60	1.50	90.0	.8-	.0	.0	4.8	107.8-	3.5-
.80	1.50	90.0	1.2-	.0	.0	4.9	107.5-	3.9-
1.00	1.50	90.0	1.9-	.0	.0	4.8	107.4-	4.1-
1.20	1.50	90.0	2.6-	.0	.0	4.6	107.3-	4.5-
1.40	1.50	90.0	3.1-	.0	.0	4.1	107.1-	4.6-
1.60	1.50	90.0	3.9-	.0	.0	3.6	107.3-	4.4-
1.80	1.50	90.0	4.2-	.0	.0	2.9	107.0-	3.9-
2.00	1.50	90.0	4.4-	.0	.0	2.3	106.8-	3.6-
2.20	1.50	90.0	4.6-	.0	.0	1.8	106.1-	3.1-
2.40	1.50	90.0	4.8-	.0	.0	1.3	105.5-	2.2-
2.60	1.50	90.0	4.7-	.0	.0	.9	104.7-	1.6-
2.80	1.50	90.0	4.7-	.0	.0	.5	104.4-	1.0-
3.00	1.50	90.0	4.5-	.0	.0	.3	103.8-	.3-
3.20	1.50	90.0	4.3-	.0	.0	.1	102.9-	.2
3.60	1.50	90.0	3.9-	.0	.0	.4-	101.1-	1.2
4.00	1.50	90.0	3.5-	.0	.0	.7-	99.9-	3.1
4.40	1.50	90.0	2.0-	.0	.0	.7-	97.4-	4.3
4.80	1.50	90.0	.0	.0	.0	.7-	94.6-	7.5
.00	1.70	90.0	.0	.0	.0	5.4	110.2-	2.7-
.20	1.70	90.0	.4-	.0	.0	4.9	109.7-	3.1-
.40	1.70	90.0	.7-	.0	.0	4.5	109.2-	3.3-
.60	1.70	90.0	1.0-	.0	.0	4.7	108.2-	3.1-
.80	1.70	90.0	1.4-	.0	.0	4.7	107.4-	3.3-
1.00	1.70	90.0	1.9-	.0	.0	4.6	106.8-	3.5-
1.20	1.70	90.0	2.4-	.0	.0	4.6	106.1-	3.4-
1.40	1.70	90.0	2.9-	.0	.0	4.3	105.3-	3.5-
1.60	1.70	90.0	3.5-	.0	.0	3.9	104.7-	3.0-
1.80	1.70	90.0	3.8-	.0	.0	3.5	104.0-	2.6-
2.00	1.70	90.0	4.1-	.0	.0	3.1	103.4-	2.4-
2.20	1.70	90.0	4.3-	.0	.0	2.7	102.4-	1.9-
2.40	1.70	90.0	4.5-	.0	.0	2.3	100.8-	1.3-
2.60	1.70	90.0	4.3-	.0	.0	2.0	99.9-	.4-

2.80	1.70	90.0	4.5-	.0	.0	1.7	98.6-	.2
3.00	1.70	90.0	4.4-	.0	.0	1.6	97.7-	.6
3.20	1.70	90.0	4.2-	.0	.0	1.4	97.0-	1.4
3.60	1.70	90.0	3.8-	.0	.0	1.2	95.3-	2.6
4.00	1.70	90.0	3.4-	.0	.0	.9	94.1-	4.2
4.40	1.70	90.0	2.0-	.0	.0	.5	93.7-	5.3
4.80	1.70	90.0	.0	.0	.0	.4	90.8-	8.1
.00	1.90	90.0	.0	.0	.0	5.4	111.0-	2.0-
.40	1.90	90.0	.8-	.0	.0	5.7	106.5-	1.6-
.80	1.90	90.0	1.3-	.0	.0	6.1	103.6-	1.0-
1.20	1.90	90.0	2.3-	.0	.0	6.0	101.4-	1.3-
1.60	1.90	90.0	3.2-	.0	.0	5.6	99.7-	.5-
2.00	1.90	90.0	3.7-	.0	.0	5.0	98.5-	.0-
2.40	1.90	90.0	4.3-	.0	.0	4.4	97.3-	.9
2.80	1.90	90.0	4.4-	.0	.0	3.9	96.5-	2.1
3.20	1.90	90.0	4.1-	.0	.0	3.5	95.2-	3.2
3.60	1.90	90.0	3.8-	.0	.0	3.3	94.0-	4.6
4.00	1.90	90.0	3.3-	.0	.0	3.1	93.1-	6.0
4.40	1.90	90.0	2.1-	.0	.0	3.0	92.8-	7.4
4.80	1.90	90.0	.0	.0	.0	3.1	91.0-	9.8
.00	2.30	90.0	.0	.0	.0	5.4	107.3-	1.0-
.40	2.30	90.0	.7-	.0	.0	5.1	104.4-	1.2-
.80	2.30	90.0	1.4-	.0	.0	4.7	102.8-	1.7-
1.20	2.30	90.0	2.1-	.0	.0	4.4	101.7-	1.5-
1.60	2.30	90.0	2.8-	.0	.0	4.1	101.5-	1.4-
2.00	2.30	90.0	3.2-	.0	.0	3.8	101.0-	.6-
2.40	2.30	90.0	3.8-	.0	.0	3.3	99.9-	.1-
2.80	2.30	90.0	3.9-	.0	.0	2.7	98.5-	.8
3.20	2.30	90.0	3.8-	.0	.0	2.3	96.7-	1.8
3.60	2.30	90.0	3.6-	.0	.0	2.1	94.9-	2.9
4.00	2.30	90.0	3.2-	.0	.0	1.9	94.0-	4.2
4.40	2.30	90.0	2.3-	.0	.0	1.8	93.3-	6.0
4.80	2.30	90.0	.0	.0	.0	1.7	92.0-	7.0
.00	2.70	90.0	.0	.0	.0	5.3	105.5-	.4-
.40	2.70	90.0	.6-	.0	.0	5.1	103.2-	.5-
.80	2.70	90.0	1.3-	.0	.0	4.8	101.6-	.7-
1.20	2.70	90.0	1.9-	.0	.0	4.6	100.6-	.5-
1.60	2.70	90.0	2.7-	.0	.0	4.3	100.2-	.7-
2.00	2.70	90.0	2.9-	.0	.0	4.0	99.5-	.1
2.40	2.70	90.0	3.2-	.0	.0	3.6	98.5-	.6
2.80	2.70	90.0	3.5-	.0	.0	3.2	97.3-	1.2
3.20	2.70	90.0	3.7-	.0	.0	2.8	95.8-	1.8
3.60	2.70	90.0	3.2-	.0	.0	2.4	94.3-	2.8
4.00	2.70	90.0	3.0-	.0	.0	2.0	93.2-	3.9
4.40	2.70	90.0	2.1-	.0	.0	1.8	92.6-	5.0
4.80	2.70	90.0	.0	.0	.0	1.6	91.8-	5.7
.00	3.10	90.0	.0	.0	.0	5.4	103.5-	.1
.40	3.10	90.0	.6-	.0	.0	5.3	101.7-	.0
.80	3.10	90.0	1.3-	.0	.0	5.2	100.2-	.2-
1.20	3.10	90.0	1.7-	.0	.0	5.1	99.2-	.5

1.60	3.10	90.0	2.3-	.0	.0	4.9	98.6-	.5
2.00	3.10	90.0	2.6-	.0	.0	4.6	97.7-	.8
2.40	3.10	90.0	2.9-	.0	.0	4.3	96.9-	1.2
2.80	3.10	90.0	3.2-	.0	.0	3.8	95.8-	1.5
3.20	3.10	90.0	3.1-	.0	.0	3.3	94.7-	2.2
3.60	3.10	90.0	2.9-	.0	.0	2.7	93.5-	2.7
4.00	3.10	90.0	2.7-	.0	.0	2.3	92.2-	3.5
4.40	3.10	90.0	1.8-	.0	.0	2.0	91.6-	4.3
4.80	3.10	90.0	.0	.0	.0	1.9	91.2-	4.8
.00	3.50	90.0	.0	.0	.0	5.9	104.0-	.2
.40	3.50	90.0	.5-	.0	.0	5.6	102.5-	.1
.80	3.50	90.0	1.1-	.0	.0	5.1	102.2-	.2-
1.20	3.50	90.0	1.5-	.0	.0	4.6	101.8-	.1-
1.60	3.50	90.0	2.1-	.0	.0	4.2	101.1-	.5-
2.00	3.50	90.0	2.3-	.0	.0	3.7	100.4-	.4-
2.40	3.50	90.0	2.5-	.0	.0	3.3	98.7-	.1-
2.80	3.50	90.0	2.7-	.0	.0	2.7	97.9-	.0
3.20	3.50	90.0	2.7-	.0	.0	2.2	96.7-	.4
3.60	3.50	90.0	2.4-	.0	.0	1.6	95.3-	.9
4.00	3.50	90.0	2.3-	.0	.0	.9	94.7-	1.4
4.40	3.50	90.0	1.6-	.0	.0	.4	95.0-	1.7
4.80	3.50	90.0	.0	.0	.0	.2	92.7-	2.2
.00	3.90	90.0	.0	.0	.0	6.3	102.1-	.4
.40	3.90	90.0	.4-	.0	.0	6.1	101.8-	.3
.80	3.90	90.0	.8-	.0	.0	5.6	101.4-	.0-
1.20	3.90	90.0	1.2-	.0	.0	5.1	100.5-	.2-
1.60	3.90	90.0	1.3-	.0	.0	4.7	100.0-	.1
2.00	3.90	90.0	1.8-	.0	.0	4.1	99.6-	.2-
2.40	3.90	90.0	1.9-	.0	.0	3.4	98.3-	.2-
2.80	3.90	90.0	2.2-	.0	.0	2.8	97.2-	.4-
3.20	3.90	90.0	2.2-	.0	.0	2.1	96.5-	.4-
3.60	3.90	90.0	1.8-	.0	.0	1.5	95.5-	.2
4.00	3.90	90.0	1.8-	.0	.0	.8	94.7-	.6
4.40	3.90	90.0	1.3-	.0	.0	.3	94.8-	1.1
4.80	3.90	90.0	.0	.0	.0	.1	92.3-	1.4
.00	4.30	90.0	.0	.0	.0	7.7	99.2-	.5
.40	4.30	90.0	.2-	.0	.0	7.4	100.2-	.4
.80	4.30	90.0	.5-	.0	.0	6.9	99.7-	.2
1.20	4.30	90.0	.7-	.0	.0	6.5	98.4-	.6
1.60	4.30	90.0	.9-	.0	.0	6.1	98.1-	.8
2.00	4.30	90.0	1.1-	.0	.0	5.4	97.8-	.5
2.40	4.30	90.0	1.2-	.0	.0	4.5	96.9-	.2
2.80	4.30	90.0	1.4-	.0	.0	3.7	95.7-	.1-
3.20	4.30	90.0	1.4-	.0	.0	2.8	95.5-	.0-
3.60	4.30	90.0	1.2-	.0	.0	2.0	95.1-	.1
4.00	4.30	90.0	1.3-	.0	.0	1.2	94.2-	.1-
4.40	4.30	90.0	.9-	.0	.0	.5	94.4-	.5
4.80	4.30	90.0	.0	.0	.0	.2	91.6-	.8
.00	4.80	90.0	.0	.0	.0	11.8	95.1-	.6
.40	4.80	90.0	.0	.0	.0	11.5	96.2-	.0

.80	4.80	90.0	.0	.0	.0	9.8	96.8-	.0
1.20	4.80	90.0	.0	.0	.0	8.5	96.4-	.0
1.60	4.80	90.0	.0	.0	.0	7.5	96.7-	.0
2.00	4.80	90.0	.0	.0	.0	6.5	96.6-	.0
2.40	4.80	90.0	.0	.0	.0	5.6	95.8-	.0
2.80	4.80	90.0	.0	.0	.0	4.7	94.7-	.0
3.20	4.80	90.0	.0	.0	.0	3.1	95.3-	.0
3.60	4.80	90.0	.0	.0	.0	2.0	95.1-	.0
4.00	4.80	90.0	.0	.0	.0	1.5	93.9-	.0
4.40	4.80	90.0	.0	.0	.0	.9	94.1-	.0
4.80	4.80	90.0	.0	.0	.0	.0	91.8-	.0
1.00	.10-	90.0	.0	.0	.0	.0	240.6-	79.3-
1.10	.10-	90.0	2.4-	.0	.0	20.0-	196.9-	59.8-
1.20	.10-	90.0	7.4-	.0	.0	32.5-	179.1-	49.0-
1.30	.10-	90.0	9.8-	.0	.0	38.1-	168.6-	45.3-
1.40	.10-	90.0	11.1-	.0	.0	38.5-	158.7-	40.8-
1.50	.10-	90.0	10.9-	.0	.0	37.5-	150.9-	39.0-
1.60	.10-	90.0	10.7-	.0	.0	36.5-	145.7-	35.8-
1.70	.10-	90.0	10.3-	.0	.0	34.8-	141.2-	34.1-
1.80	.10-	90.0	9.7-	.0	.0	33.1-	138.2-	31.0-
1.90	.10-	90.0	9.1-	.0	.0	30.8-	134.9-	28.2-
2.00	.10-	90.0	8.7-	.0	.0	28.7-	132.2-	25.6-
2.20	.10-	90.0	7.4-	.0	.0	24.8-	127.6-	21.7-
2.40	.10-	90.0	6.6-	.0	.0	22.0-	124.2-	18.7-
2.60	.10-	90.0	5.9-	.0	.0	20.5-	122.3-	17.1-
2.80	.10-	90.0	5.4-	.0	.0	19.1-	120.1-	15.4-
3.00	.10-	90.0	4.9-	.0	.0	17.6-	117.9-	14.0-
3.20	.10-	90.0	4.4-	.0	.0	16.7-	116.2-	12.8-
3.60	.10-	90.0	3.6-	.0	.0	16.3-	114.3-	11.6-
4.00	.10-	90.0	2.9-	.0	.0	15.9-	112.1-	9.7-
4.40	.10-	90.0	1.6-	.0	.0	15.7-	109.7-	7.7-
4.80	.10-	90.0	.0	.0	.0	15.5-	104.2-	3.5-
1.00	.30-	90.0	.0	.0	.0	.0	267.1-	80.3-
1.10	.30-	90.0	4.6-	.0	.0	22.7-	226.8-	65.8-
1.20	.30-	90.0	6.6-	.0	.0	37.6-	200.2-	58.7-
1.30	.30-	90.0	8.1-	.0	.0	44.5-	183.3-	52.4-
1.40	.30-	90.0	9.0-	.0	.0	45.0-	170.2-	46.2-
1.50	.30-	90.0	9.3-	.0	.0	42.7-	159.3-	41.4-
1.60	.30-	90.0	9.4-	.0	.0	38.8-	149.4-	35.5-
1.70	.30-	90.0	9.2-	.0	.0	35.1-	142.0-	31.2-
1.80	.30-	90.0	8.8-	.0	.0	32.6-	137.4-	28.5-
1.90	.30-	90.0	8.3-	.0	.0	30.2-	134.2-	25.4-
2.00	.30-	90.0	7.9-	.0	.0	28.0-	131.6-	23.2-
2.20	.30-	90.0	7.1-	.0	.0	24.0-	127.2-	19.4-
2.40	.30-	90.0	6.3-	.0	.0	21.2-	124.2-	16.7-
2.60	.30-	90.0	5.6-	.0	.0	19.8-	122.1-	15.5-
2.80	.30-	90.0	5.1-	.0	.0	18.3-	120.4-	13.9-
3.00	.30-	90.0	4.5-	.0	.0	16.8-	118.8-	12.6-
3.20	.30-	90.0	4.3-	.0	.0	15.5-	116.5-	10.9-
3.60	.30-	90.0	3.6-	.0	.0	14.2-	114.1-	8.9-
4.00	.30-	90.0	2.8-	.0	.0	14.2-	111.1-	7.5-
4.40	.30-	90.0	1.5-	.0	.0	13.9-	108.0-	5.5-

4.80	.30-	90.0	.0	.0	.0	13.9-	103.2-	1.5-
1.00	.50-	90.0	.0	.0	.0	.0	293.2-	89.3-
1.10	.50-	90.0	3.4-	.0	.0	24.4-	244.6-	72.4-
1.20	.50-	90.0	6.0-	.0	.0	40.0-	213.7-	62.5-
1.30	.50-	90.0	7.1-	.0	.0	48.2-	193.3-	56.4-
1.40	.50-	90.0	7.6-	.0	.0	50.4-	179.2-	51.4-
1.50	.50-	90.0	8.0-	.0	.0	48.6-	166.8-	46.4-
1.60	.50-	90.0	8.1-	.0	.0	46.1-	158.0-	41.4-
1.70	.50-	90.0	8.0-	.0	.0	43.1-	150.9-	37.9-
1.80	.50-	90.0	7.9-	.0	.0	40.0-	145.2-	34.0-
1.90	.50-	90.0	7.5-	.0	.0	36.7-	140.7-	30.3-
2.00	.50-	90.0	7.2-	.0	.0	33.6-	136.7-	27.3-
2.20	.50-	90.0	6.6-	.0	.0	29.0-	131.6-	22.9-
2.40	.50-	90.0	6.0-	.0	.0	25.7-	128.0-	20.2-
2.60	.50-	90.0	5.4-	.0	.0	22.5-	124.5-	17.3-
2.80	.50-	90.0	4.7-	.0	.0	20.2-	122.1-	15.2-
3.00	.50-	90.0	4.4-	.0	.0	18.9-	120.6-	13.9-
3.20	.50-	90.0	3.9-	.0	.0	17.7-	118.2-	12.7-
3.60	.50-	90.0	3.2-	.0	.0	15.1-	114.0-	9.5-
4.00	.50-	90.0	2.6-	.0	.0	12.8-	109.7-	5.6-
4.40	.50-	90.0	1.5-	.0	.0	11.5-	105.9-	2.5-
4.80	.50-	90.0	.0	.0	.0	11.5-	99.9-	1.1
1.00	.70-	90.0	.0	.0	.0	.0	288.7-	98.2-
1.10	.70-	90.0	3.6-	.0	.0	24.6-	249.8-	75.5-
1.20	.70-	90.0	4.5-	.0	.0	40.6-	215.8-	65.2-
1.30	.70-	90.0	6.0-	.0	.0	48.8-	194.8-	58.1-
1.40	.70-	90.0	6.4-	.0	.0	51.0-	178.9-	52.3-
1.50	.70-	90.0	6.6-	.0	.0	49.2-	166.7-	46.4-
1.60	.70-	90.0	6.9-	.0	.0	46.8-	156.8-	41.8-
1.70	.70-	90.0	7.0-	.0	.0	43.8-	150.0-	37.6-
1.80	.70-	90.0	6.9-	.0	.0	40.9-	144.1-	34.2-
1.90	.70-	90.0	6.8-	.0	.0	37.6-	139.3-	30.3-
2.00	.70-	90.0	6.5-	.0	.0	34.5-	135.2-	27.1-
2.20	.70-	90.0	6.1-	.0	.0	29.8-	129.6-	23.1-
2.40	.70-	90.0	5.5-	.0	.0	26.5-	126.2-	19.9-
2.60	.70-	90.0	4.9-	.0	.0	23.2-	123.0-	17.0-
2.80	.70-	90.0	4.5-	.0	.0	20.8-	120.8-	14.9-
3.00	.70-	90.0	4.2-	.0	.0	19.5-	119.4-	13.6-
3.20	.70-	90.0	3.7-	.0	.0	18.1-	117.5-	12.7-
3.60	.70-	90.0	2.9-	.0	.0	15.6-	114.1-	9.7-
4.00	.70-	90.0	2.4-	.0	.0	13.4-	109.2-	5.8-
4.40	.70-	90.0	1.4-	.0	.0	12.0-	106.0-	2.9-
4.80	.70-	90.0	.0	.0	.0	12.1-	100.3-	1.2
1.00	.90-	90.0	.0	.0	.0	.0	316.6-	102.3-
1.10	.90-	90.0	2.9-	.0	.0	28.0-	258.8-	82.3-
1.20	.90-	90.0	3.8-	.0	.0	47.4-	225.8-	74.2-
1.30	.90-	90.0	5.1-	.0	.0	57.2-	205.3-	68.4-
1.40	.90-	90.0	5.3-	.0	.0	59.3-	189.6-	61.5-
1.50	.90-	90.0	5.7-	.0	.0	57.7-	175.9-	55.1-
1.60	.90-	90.0	6.1-	.0	.0	55.3-	166.9-	49.9-
1.70	.90-	90.0	6.1-	.0	.0	52.2-	158.6-	45.6-

1.80	.90-	90.0	6.2-	.0	.0	48.6-	152.7-	41.5-
1.90	.90-	90.0	6.1-	.0	.0	45.5-	148.6-	37.3-
2.00	.90-	90.0	5.8-	.0	.0	42.6-	144.0-	34.2-
2.20	.90-	90.0	5.5-	.0	.0	38.0-	138.4-	30.1-
2.40	.90-	90.0	5.1-	.0	.0	34.7-	134.6-	27.3-
2.60	.90-	90.0	4.5-	.0	.0	31.5-	130.9-	24.9-
2.80	.90-	90.0	4.1-	.0	.0	28.7-	127.4-	22.2-
3.00	.90-	90.0	3.8-	.0	.0	26.4-	124.9-	20.1-
3.20	.90-	90.0	3.4-	.0	.0	25.1-	123.1-	19.1-
3.60	.90-	90.0	2.7-	.0	.0	22.5-	118.7-	16.3-
4.00	.90-	90.0	2.1-	.0	.0	20.8-	114.3-	13.1-
4.40	.90-	90.0	1.2-	.0	.0	21.2-	111.9-	11.8-
4.80	.90-	90.0	.0	.0	.0	22.0-	106.5-	8.6-
1.00	1.10-	90.0	.0	.0	.0	.0	321.8-	106.2-
1.10	1.10-	90.0	2.0-	.0	.0	28.7-	264.3-	86.0-
1.20	1.10-	90.0	3.1-	.0	.0	48.6-	231.2-	77.7-
1.30	1.10-	90.0	4.3-	.0	.0	58.5-	210.6-	71.3-
1.40	1.10-	90.0	4.7-	.0	.0	60.7-	194.2-	63.7-
1.50	1.10-	90.0	4.7-	.0	.0	59.2-	180.6-	56.9-
1.60	1.10-	90.0	5.1-	.0	.0	57.0-	170.1-	51.7-
1.70	1.10-	90.0	5.5-	.0	.0	53.8-	162.2-	46.7-
1.80	1.10-	90.0	5.5-	.0	.0	50.2-	155.2-	42.3-
1.90	1.10-	90.0	5.3-	.0	.0	47.0-	149.8-	38.7-
2.00	1.10-	90.0	5.2-	.0	.0	44.1-	145.7-	35.3-
2.20	1.10-	90.0	4.9-	.0	.0	39.6-	140.3-	30.8-
2.40	1.10-	90.0	4.5-	.0	.0	36.3-	136.7-	28.2-
2.60	1.10-	90.0	4.1-	.0	.0	33.0-	133.1-	25.6-
2.80	1.10-	90.0	3.7-	.0	.0	30.1-	130.0-	23.0-
3.00	1.10-	90.0	3.3-	.0	.0	27.9-	127.5-	21.3-
3.20	1.10-	90.0	3.0-	.0	.0	26.6-	126.1-	20.0-
3.60	1.10-	90.0	2.3-	.0	.0	23.8-	122.1-	17.3-
4.00	1.10-	90.0	1.7-	.0	.0	22.1-	118.2-	14.3-
4.40	1.10-	90.0	1.1-	.0	.0	22.5-	115.5-	13.0-
4.80	1.10-	90.0	.0	.0	.0	23.3-	110.1-	9.6-
1.00	1.30-	90.0	.0	.0	.0	.0	322.6-	111.2-
1.10	1.30-	90.0	1.6-	.0	.0	26.9-	269.9-	87.9-
1.20	1.30-	90.0	2.2-	.0	.0	44.2-	233.5-	75.0-
1.30	1.30-	90.0	3.5-	.0	.0	53.5-	210.8-	67.7-
1.40	1.30-	90.0	4.1-	.0	.0	56.1-	192.7-	59.8-
1.50	1.30-	90.0	4.2-	.0	.0	54.0-	177.8-	51.9-
1.60	1.30-	90.0	4.5-	.0	.0	50.3-	165.2-	45.1-
1.70	1.30-	90.0	4.6-	.0	.0	46.4-	156.7-	39.4-
1.80	1.30-	90.0	4.8-	.0	.0	43.0-	149.7-	34.6-
1.90	1.30-	90.0	4.8-	.0	.0	39.8-	144.3-	30.5-
2.00	1.30-	90.0	4.7-	.0	.0	36.8-	140.5-	27.7-
2.20	1.30-	90.0	4.4-	.0	.0	31.3-	133.6-	22.1-
2.40	1.30-	90.0	4.1-	.0	.0	27.0-	128.5-	18.5-
2.60	1.30-	90.0	3.5-	.0	.0	24.0-	125.0-	16.2-
2.80	1.30-	90.0	3.3-	.0	.0	21.0-	121.9-	13.6-
3.00	1.30-	90.0	2.9-	.0	.0	18.7-	118.9-	11.8-
3.20	1.30-	90.0	2.7-	.0	.0	17.4-	116.8-	10.5-
3.60	1.30-	90.0	2.0-	.0	.0	14.8-	112.3-	7.9-

4.00	1.30-	90.0	1.5-	.0	.0	13.2-	107.9-	5.0-
4.40	1.30-	90.0	.8-	.0	.0	13.0-	104.9-	3.4-
4.80	1.30-	90.0	.0	.0	.0	12.8-	97.6-	1.4
1.00	1.50-	90.0	.0	.0	.0	.0	327.5-	114.0-
1.10	1.50-	90.0	1.1-	.0	.0	27.1-	269.7-	90.2-
1.20	1.50-	90.0	2.3-	.0	.0	44.4-	232.4-	76.6-
1.30	1.50-	90.0	3.2-	.0	.0	53.8-	207.8-	69.6-
1.40	1.50-	90.0	3.7-	.0	.0	55.8-	189.7-	59.7-
1.50	1.50-	90.0	3.5-	.0	.0	52.8-	175.6-	51.1-
1.60	1.50-	90.0	4.1-	.0	.0	49.5-	161.6-	44.5-
1.70	1.50-	90.0	4.2-	.0	.0	45.4-	151.9-	38.3-
1.80	1.50-	90.0	4.3-	.0	.0	41.0-	144.1-	32.4-
1.90	1.50-	90.0	4.3-	.0	.0	37.4-	138.9-	28.1-
2.00	1.50-	90.0	4.1-	.0	.0	34.7-	135.2-	24.8-
2.20	1.50-	90.0	4.1-	.0	.0	29.3-	128.6-	19.7-
2.40	1.50-	90.0	3.6-	.0	.0	25.2-	123.6-	16.0-
2.60	1.50-	90.0	3.1-	.0	.0	22.3-	120.8-	14.1-
2.80	1.50-	90.0	2.7-	.0	.0	19.5-	117.5-	11.9-
3.00	1.50-	90.0	2.6-	.0	.0	16.8-	115.0-	9.2-
3.20	1.50-	90.0	2.3-	.0	.0	14.7-	112.4-	7.5-
3.60	1.50-	90.0	1.6-	.0	.0	12.0-	108.8-	4.7-
4.00	1.50-	90.0	1.1-	.0	.0	9.7-	105.0-	1.7-
4.40	1.50-	90.0	.7-	.0	.0	8.3-	101.2-	1.1
4.80	1.50-	90.0	.0	.0	.0	8.2-	95.9-	6.8
1.00	1.70-	90.0	.0	.0	.0	.0	334.9-	116.0-
1.10	1.70-	90.0	.6-	.0	.0	27.8-	277.6-	92.6-
1.20	1.70-	90.0	2.3-	.0	.0	45.5-	238.8-	78.0-
1.30	1.70-	90.0	2.7-	.0	.0	55.2-	213.9-	71.0-
1.40	1.70-	90.0	3.2-	.0	.0	57.9-	194.4-	62.2-
1.50	1.70-	90.0	3.2-	.0	.0	55.8-	179.3-	54.2-
1.60	1.70-	90.0	3.7-	.0	.0	52.2-	166.4-	46.9-
1.70	1.70-	90.0	3.8-	.0	.0	48.0-	156.5-	40.7-
1.80	1.70-	90.0	4.1-	.0	.0	43.6-	148.4-	34.6-
1.90	1.70-	90.0	3.9-	.0	.0	39.9-	141.9-	30.0-
2.00	1.70-	90.0	3.9-	.0	.0	37.2-	137.9-	26.8-
2.20	1.70-	90.0	3.7-	.0	.0	31.8-	130.8-	21.4-
2.40	1.70-	90.0	3.1-	.0	.0	27.6-	125.6-	18.0-
2.60	1.70-	90.0	2.8-	.0	.0	24.8-	122.2-	15.9-
2.80	1.70-	90.0	2.4-	.0	.0	21.9-	119.3-	13.7-
3.00	1.70-	90.0	2.1-	.0	.0	19.3-	116.6-	11.3-
3.20	1.70-	90.0	1.8-	.0	.0	17.1-	114.5-	9.6-
3.60	1.70-	90.0	1.3-	.0	.0	14.4-	110.8-	6.5-
4.00	1.70-	90.0	.8-	.0	.0	12.0-	106.7-	4.2-
4.40	1.70-	90.0	.4-	.0	.0	10.6-	102.4-	1.0-
4.80	1.70-	90.0	.0	.0	.0	10.5-	95.3-	3.0
1.00	1.90-	90.0	.0	.0	.0	.0	343.3-	118.6-
1.10	1.90-	90.0	.0	.0	.0	30.1-	311.4-	95.7-
1.20	1.90-	90.0	2.0-	.0	.0	49.8-	243.0-	83.0-
1.30	1.90-	90.0	2.6-	.0	.0	58.8-	218.4-	74.7-
1.40	1.90-	90.0	2.9-	.0	.0	61.7-	199.3-	66.3-
1.50	1.90-	90.0	3.1-	.0	.0	59.8-	184.6-	58.0-

1.60	1.90-	90.0	3.3-	.0	.0	56.1-	171.5-	50.6-
1.70	1.90-	90.0	3.5-	.0	.0	51.9-	161.7-	44.1-
1.80	1.90-	90.0	3.5-	.0	.0	47.5-	154.4-	37.9-
1.90	1.90-	90.0	3.5-	.0	.0	43.9-	148.2-	33.6-
2.00	1.90-	90.0	3.6-	.0	.0	41.1-	143.8-	30.1-
2.20	1.90-	90.0	3.2-	.0	.0	35.6-	136.3-	24.5-
2.40	1.90-	90.0	2.8-	.0	.0	31.4-	130.8-	21.2-
2.60	1.90-	90.0	2.3-	.0	.0	28.4-	127.2-	18.9-
2.80	1.90-	90.0	2.0-	.0	.0	25.5-	123.7-	16.5-
3.00	1.90-	90.0	1.7-	.0	.0	22.7-	120.2-	14.1-
3.20	1.90-	90.0	1.3-	.0	.0	20.6-	117.9-	12.7-
3.60	1.90-	90.0	.8-	.0	.0	17.9-	114.7-	10.0-
4.00	1.90-	90.0	.5-	.0	.0	15.5-	110.5-	7.6-
4.40	1.90-	90.0	.2-	.0	.0	14.0-	104.6-	4.8-
4.80	1.90-	90.0	.0	.0	.0	13.9-	98.0-	1.0-
1.00	2.10-	90.0	.0	.0	.0	.0	343.3-	119.2-
1.10	2.10-	90.0	.0	.0	.0	29.4-	296.5-	97.3-
1.20	2.10-	90.0	2.0-	.0	.0	48.3-	242.4-	81.1-
1.30	2.10-	90.0	2.3-	.0	.0	57.8-	218.1-	73.8-
1.40	2.10-	90.0	3.0-	.0	.0	60.7-	197.0-	65.1-
1.50	2.10-	90.0	2.7-	.0	.0	58.8-	183.2-	56.8-
1.60	2.10-	90.0	3.0-	.0	.0	55.2-	169.9-	49.5-
1.70	2.10-	90.0	3.2-	.0	.0	51.1-	159.9-	42.8-
1.80	2.10-	90.0	3.3-	.0	.0	46.7-	152.3-	36.6-
1.90	2.10-	90.0	3.2-	.0	.0	43.1-	146.2-	32.2-
2.00	2.10-	90.0	3.1-	.0	.0	40.4-	141.9-	28.7-
2.20	2.10-	90.0	2.9-	.0	.0	34.9-	134.7-	23.2-
2.40	2.10-	90.0	2.4-	.0	.0	30.6-	129.5-	19.9-
2.60	2.10-	90.0	1.8-	.0	.0	27.7-	126.0-	17.6-
2.80	2.10-	90.0	1.5-	.0	.0	24.7-	122.6-	15.3-
3.00	2.10-	90.0	1.2-	.0	.0	21.9-	119.4-	12.8-
3.20	2.10-	90.0	1.0-	.0	.0	19.7-	117.1-	11.4-
3.60	2.10-	90.0	.5-	.0	.0	16.9-	114.0-	9.0-
4.00	2.10-	90.0	.1-	.0	.0	14.5-	109.9-	6.5-
4.40	2.10-	90.0	.0	.0	.0	13.0-	105.1-	4.1-
4.80	2.10-	90.0	.0	.0	.0	13.0-	99.0-	.3-
1.00	2.30-	90.0	.0	.0	.0	.0	343.3-	119.4-
1.10	2.30-	90.0	.0	.0	.0	28.5-	281.6-	97.0-
1.20	2.30-	90.0	2.1-	.0	.0	46.6-	241.5-	80.2-
1.30	2.30-	90.0	2.4-	.0	.0	56.5-	217.5-	72.9-
1.40	2.30-	90.0	2.8-	.0	.0	59.4-	194.4-	63.6-
1.50	2.30-	90.0	2.6-	.0	.0	57.5-	181.4-	55.1-
1.60	2.30-	90.0	2.9-	.0	.0	54.0-	168.0-	47.7-
1.70	2.30-	90.0	3.0-	.0	.0	49.9-	157.7-	40.9-
1.80	2.30-	90.0	3.1-	.0	.0	45.5-	149.8-	34.8-
1.90	2.30-	90.0	2.9-	.0	.0	42.0-	143.8-	30.3-
2.00	2.30-	90.0	2.7-	.0	.0	39.2-	139.6-	27.0-
2.20	2.30-	90.0	2.4-	.0	.0	33.8-	132.7-	21.6-
2.40	2.30-	90.0	1.8-	.0	.0	29.5-	127.8-	18.3-
2.60	2.30-	90.0	1.4-	.0	.0	26.6-	124.5-	15.9-
2.80	2.30-	90.0	1.0-	.0	.0	23.7-	121.3-	13.8-
3.00	2.30-	90.0	.8-	.0	.0	20.9-	118.3-	11.3-

3.20	2.30-	90.0	.5-	.0	.0	18.6-	116.0-	10.0-
3.60	2.30-	90.0	.0	.0	.0	15.7-	113.0-	7.6-
4.00	2.30-	90.0	.3	.0	.0	13.3-	109.1-	5.5-
4.40	2.30-	90.0	.2	.0	.0	11.8-	105.3-	3.4-
4.80	2.30-	90.0	.0	.0	.0	11.7-	99.5-	.6
1.00	2.50-	90.0	.0	.0	.0	.0	346.4-	119.4-
1.10	2.50-	90.0	.0	.0	.0	28.8-	285.1-	97.3-
1.20	2.50-	90.0	2.0-	.0	.0	47.8-	244.9-	81.1-
1.30	2.50-	90.0	2.3-	.0	.0	58.7-	220.6-	74.0-
1.40	2.50-	90.0	2.8-	.0	.0	61.6-	198.9-	64.9-
1.50	2.50-	90.0	2.4-	.0	.0	59.7-	184.0-	56.7-
1.60	2.50-	90.0	2.7-	.0	.0	56.2-	170.8-	49.3-
1.70	2.50-	90.0	2.8-	.0	.0	52.1-	160.2-	42.2-
1.80	2.50-	90.0	2.8-	.0	.0	47.7-	151.8-	36.2-
1.90	2.50-	90.0	2.6-	.0	.0	43.9-	145.5-	31.0-
2.00	2.50-	90.0	2.4-	.0	.0	40.7-	141.1-	27.4-
2.20	2.50-	90.0	1.9-	.0	.0	35.1-	133.5-	21.7-
2.40	2.50-	90.0	1.4-	.0	.0	30.7-	128.3-	18.9-
2.60	2.50-	90.0	1.0-	.0	.0	27.2-	124.3-	15.9-
2.80	2.50-	90.0	.5-	.0	.0	24.2-	121.1-	13.8-
3.00	2.50-	90.0	.2-	.0	.0	21.4-	118.2-	11.5-
3.20	2.50-	90.0	.0	.0	.0	19.0-	115.6-	10.1-
3.60	2.50-	90.0	.4	.0	.0	15.8-	111.8-	8.0-
4.00	2.50-	90.0	.6	.0	.0	13.5-	108.2-	5.7-
4.40	2.50-	90.0	.5	.0	.0	12.0-	104.5-	4.1-
4.80	2.50-	90.0	.0	.0	.0	11.9-	98.3-	.3-
1.00	2.70-	90.0	.0	.0	.0	.0	349.5-	119.4-
1.10	2.70-	90.0	.6-	.0	.0	29.0-	288.6-	95.8-
1.20	2.70-	90.0	2.0-	.0	.0	48.8-	248.0-	81.7-
1.30	2.70-	90.0	2.4-	.0	.0	60.8-	223.5-	75.3-
1.40	2.70-	90.0	2.7-	.0	.0	63.5-	203.1-	65.7-
1.50	2.70-	90.0	2.4-	.0	.0	61.7-	186.3-	57.6-
1.60	2.70-	90.0	2.5-	.0	.0	58.2-	173.4-	50.1-
1.70	2.70-	90.0	2.5-	.0	.0	54.1-	162.3-	42.8-
1.80	2.70-	90.0	2.3-	.0	.0	49.7-	153.6-	36.9-
1.90	2.70-	90.0	2.3-	.0	.0	45.7-	147.0-	31.8-
2.00	2.70-	90.0	1.9-	.0	.0	42.0-	142.3-	27.7-
2.20	2.70-	90.0	1.5-	.0	.0	36.0-	134.1-	21.8-
2.40	2.70-	90.0	.9-	.0	.0	31.4-	128.4-	18.5-
2.60	2.70-	90.0	.4-	.0	.0	27.3-	123.7-	15.5-
2.80	2.70-	90.0	.0	.0	.0	24.5-	120.7-	13.4-
3.00	2.70-	90.0	.3	.0	.0	21.7-	117.8-	11.7-
3.20	2.70-	90.0	.6	.0	.0	19.2-	114.9-	10.2-
3.60	2.70-	90.0	.8	.0	.0	15.7-	110.6-	7.9-
4.00	2.70-	90.0	.9	.0	.0	13.4-	107.0-	5.9-
4.40	2.70-	90.0	.7	.0	.0	11.8-	103.4-	4.4-
4.80	2.70-	90.0	.0	.0	.0	11.8-	96.8-	1.1-
1.00	2.90-	90.0	.0	.0	.0	.0	349.8-	117.7-
1.10	2.90-	90.0	.6-	.0	.0	28.8-	285.6-	92.7-
1.20	2.90-	90.0	1.6-	.0	.0	48.2-	244.6-	79.5-
1.30	2.90-	90.0	2.4-	.0	.0	60.0-	221.2-	71.9-

1.40	2.90-	90.0	2.1-	.0	.0	62.7-	201.7-	63.3-
1.50	2.90-	90.0	2.4-	.0	.0	60.8-	185.1-	55.0-
1.60	2.90-	90.0	2.4-	.0	.0	57.2-	171.7-	47.2-
1.70	2.90-	90.0	2.3-	.0	.0	53.0-	161.0-	40.3-
1.80	2.90-	90.0	2.1-	.0	.0	48.5-	152.2-	33.8-
1.90	2.90-	90.0	1.9-	.0	.0	44.5-	145.8-	29.1-
2.00	2.90-	90.0	1.4-	.0	.0	40.7-	140.8-	25.3-
2.20	2.90-	90.0	.9-	.0	.0	34.6-	132.4-	19.5-
2.40	2.90-	90.0	.4-	.0	.0	29.8-	126.9-	15.8-
2.60	2.90-	90.0	.0	.0	.0	25.6-	122.5-	38.5-
2.80	2.90-	90.0	.5	.0	.0	22.8-	119.5-	11.6-
3.00	2.90-	90.0	.7	.0	.0	20.0-	116.7-	9.4-
3.20	2.90-	90.0	1.0	.0	.0	17.5-	113.9-	8.5-
3.60	2.90-	90.0	1.2	.0	.0	14.0-	109.5-	6.8-
4.00	2.90-	90.0	1.4	.0	.0	11.8-	105.6-	4.4-
4.40	2.90-	90.0	.9	.0	.0	10.1-	101.6-	3.0-
4.80	2.90-	90.0	.0	.0	.0	10.1-	94.8-	.1-
1.00	3.10-	90.0	.0	.0	.0	.0	350.0-	117.3-
1.10	3.10-	90.0	.5-	.0	.0	28.4-	282.5-	90.5-
1.20	3.10-	90.0	1.5-	.0	.0	47.4-	241.1-	75.9-
1.30	3.10-	90.0	2.3-	.0	.0	59.1-	218.8-	69.2-
1.40	3.10-	90.0	2.1-	.0	.0	61.7-	200.1-	60.5-
1.50	3.10-	90.0	2.1-	.0	.0	59.8-	183.9-	51.8-
1.60	3.10-	90.0	2.1-	.0	.0	56.0-	169.8-	44.4-
1.70	3.10-	90.0	1.9-	.0	.0	51.7-	159.3-	36.8-
1.80	3.10-	90.0	1.4-	.0	.0	47.1-	150.5-	30.7-
1.90	3.10-	90.0	1.2-	.0	.0	42.8-	144.2-	26.3-
2.00	3.10-	90.0	.9-	.0	.0	38.9-	138.8-	22.1-
2.20	3.10-	90.0	.3-	.0	.0	32.8-	130.3-	16.7-
2.40	3.10-	90.0	.3	.0	.0	27.7-	125.0-	13.3-
2.60	3.10-	90.0	.7	.0	.0	23.5-	120.7-	9.5-
2.80	3.10-	90.0	1.0	.0	.0	20.6-	117.8-	9.1-
3.00	3.10-	90.0	1.3	.0	.0	17.8-	115.0-	7.0-
3.20	3.10-	90.0	1.5	.0	.0	15.0-	112.1-	6.1-
3.60	3.10-	90.0	1.5	.0	.0	11.8-	107.9-	4.9-
4.00	3.10-	90.0	1.9	.0	.0	9.7-	103.7-	2.4-
4.40	3.10-	90.0	1.0	.0	.0	7.8-	99.2-	1.8-
4.80	3.10-	90.0	.0	.0	.0	7.8-	92.3-	1.3