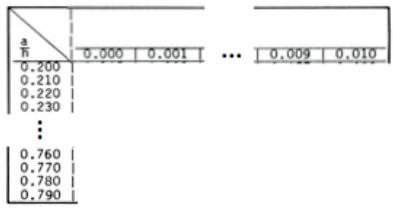



卷	章	節	頁	箇所	誤	正																																																																																																																																																																						
1	1	13	36	式	$K_I = \frac{P}{th^{1/2}} \cdot f_I(\alpha), \quad \alpha = \frac{a}{W}$ $f_I(\alpha) = 2\sqrt{3} \left( \frac{a}{h} + 0.64 \right)$	$K_I = \frac{P}{th^{1/2}} \cdot f_I(\alpha), \quad \alpha = \frac{a}{h}$ $f_I(\alpha) = 2\sqrt{3} (\alpha + 0.64)$																																																																																																																																																																						
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1	2	13	87	文献	[1] M.Lowengrub and I.N.Sneddon, The Distribution of Stress in the Vicinity of and External Crack in an Infinite Elastic Solid, Int. J. Engng. Sci., Vol. 3 (1965), pp. 451-460.	[1] M.Lowengrub, A Two-Dimensional Crack Problem, Int. J. Engng. Sci., Vol. 4 (1966), pp. 289-299.																																																																																																																																																																						
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巻	章	節	頁	箇所	誤	正
1	8	41	544	表	$\begin{array}{c} x/a \uparrow \\ 0 \\ 10^{-5} \\ 0.1 \\ 0.2 \\ 0.4 \\ 0.6 \\ 0.9 \\ 1.0 \\ \vdots \end{array} \begin{array}{c} 0 \\ -1.122 \\ -1.121 \\ -0.784 \\ -0.567 \\ -0.320 \\ -0.194 \\ -0.123 \\ -0.080 \\ \vdots \end{array} \dots$	$\begin{array}{c} x/a \uparrow \\ 0 \\ 10^{-5} \\ 0.1 \\ 0.2 \\ 0.4 \\ 0.6 \\ 0.8 \\ 1.0 \\ \vdots \end{array} \begin{array}{c} 0 \\ -1.122 \\ -1.121 \\ -0.784 \\ -0.567 \\ -0.320 \\ -0.194 \\ -0.123 \\ -0.080 \\ \vdots \end{array} \dots$
2	9	6	658	式	$K_{I,3}^T = \sigma_0 \sqrt{\pi b} F_{I,3}^T, \lambda = \frac{a}{d}, \beta = \frac{b}{a}$	$K_{I,3}^T = \sigma_0 \sqrt{\pi b} F_{I,3}^T, \lambda = \frac{b}{d}, \beta = \frac{b}{a}$
2	9	16	678	式	$K_{II} = \frac{2Q}{(\pi a)^{\frac{3}{2}}(2-\nu)(1-r_0^2)^{\frac{1}{2}}} [(2-\nu)r_0 + 2 \sum_{n=1}^{\infty} (1+ \dots$	$K_{II} = -\frac{2Q}{(\pi a)^{\frac{3}{2}}(2-\nu)(1-r_0^2)^{\frac{1}{2}}} [(2-\nu)r_0 + 2 \sum_{n=1}^{\infty} (1+ \dots$ 右辺に「-(マイナス)」が必要
				式	$K_{III} = -\frac{4Q(1-r_0^2)^{\frac{1}{2}}}{(\pi a)^{\frac{3}{2}}(2-\nu)} \sum_{n=1}^{\infty} \{1-(1+n)\nu\} r_0^{n-1} \cos n\alpha \sin n\theta$	$K_{III} = \frac{4Q(1-r_0^2)^{\frac{1}{2}}}{(\pi a)^{\frac{3}{2}}(2-\nu)} \sum_{n=1}^{\infty} \{1-(1+n)\nu\} r_0^{n-1} \cos n\alpha \sin n\theta$ 右辺の「-(マイナス)」が必要
2	9	17	679	式	$K_{II} = -\frac{4R}{(\pi a)^{\frac{3}{2}}(2-\nu)(1-r_0^2)^{\frac{1}{2}}} \times \sum_{n=1}^{\infty} \{1-n\nu+(1+n\nu)r_0^2\} r_0^{n-1} \sin n\alpha \cos n\theta$	$K_{II} = -\frac{4R(1-r_0^2)^{\frac{1}{2}}}{(\pi a)^{\frac{3}{2}}(2-\nu)} \sum_{n=1}^{\infty} (1+n\nu) r_0^{n-1} \sin n\alpha \cos n\theta$
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2	9	22	684	式	$K_I = \frac{\sigma}{E(k)} \left(\frac{\pi b}{a}\right)^{\frac{1}{2}} (a^2 \sin^2 \beta + b^2 \sin^2 \beta)^{\frac{1}{4}} = \dots$	$K_I = \frac{\sigma}{E(k)} \left(\frac{\pi b}{a}\right)^{\frac{1}{2}} (a^2 \sin^2 \beta + b^2 \cos^2 \beta)^{\frac{1}{4}} = \dots$
2	9	26	704	図	$1.5 \left[ \begin{array}{c} F_C^{(T)} = \frac{K_{I,A}}{\sigma_T \sqrt{\pi b}} \\ \nu = 0.3 \end{array} \right]$	$1.5 \left[ \begin{array}{c} F_C^{(T)} = \frac{K_{I,C}^{(T)}}{\sigma_T \sqrt{\pi b}} \\ \nu = 0.3 \end{array} \right]$
			705	図	$F_C^{(B)} = \frac{K_{I,A}^{(B)}}{\sigma_B \sqrt{\pi b}} \quad \nu = 0.3$	$F_C^{(B)} = \frac{K_{I,C}^{(B)}}{\sigma_B \sqrt{\pi b}} \quad \nu = 0.3$
2	9	54	845	下図	$\left[ \begin{array}{c} \frac{f}{2b} = 0.5 \quad (\nu = 0.3) \\ -90^\circ \quad -45^\circ \quad 0^\circ \quad 45^\circ \quad 90^\circ \\ \beta \end{array} \right]$	$\left[ \begin{array}{c} \frac{f}{2b} = 2.0 \quad (\nu = 0.3) \\ -90^\circ \quad -45^\circ \quad 0^\circ \quad 45^\circ \quad 90^\circ \\ \beta \end{array} \right]$
2	17		1400	式	$c_1 = \sqrt{\frac{\lambda+2\mu}{\rho}} = \sqrt{\frac{E(1-\nu)}{\rho(1+\nu)(1-\nu)}}, \dots$	$c_1 = \sqrt{\frac{\lambda+2\mu}{\rho}} = \sqrt{\frac{E(1-\nu)}{\rho(1+\nu)(1-2\nu)}}, \dots$
2	17	24	1452	図	$\frac{1}{1.0} \quad \nu/c_1$	$\frac{1}{1.0} \quad \nu/c_2$
				文献	[3] S.Aoki, K.Kishimoto ... under concentrated ... pp.469-474.	[3] S.Aoki, K.Kishimoto ... under concentrated ... pp.301-314.

9.16節と9.17節の訂正は、

K.T. Chau, X. Yang, R.C.K. Wong, "Interactions of a penny-shaped crack with a center of dilatation in an elastic half-space", Mechanics of Materials, Vol. 32, No. 11, pp.645-662 (2000) を参照。