日本機械学会基準 S 012 配管内円柱状構造物の流力振動評価指針
正　誤　表

訂正式	訂正内容	誤	正
(A5-9)	$\phi_0(x)$ を削除	$\alpha_L = C_0 \cdot C_{LK} \cdot q \cdot d_o \cdot A_{L0} \cdot \frac{1}{m\omega_0^2} \frac{\int_{L-L_e}^{L} \phi_0(x)dx}{\int_0^L {\phi_0}^2(x)dx} \underline{\underline{\phi_0(x)}}$ $\alpha_D = C_0 \cdot C_{DK} \cdot q \cdot d_o \cdot A_{D0} \cdot \frac{1}{m\omega_0^2} \frac{\int_{L-L_e}^{L} \phi_0(x)dx}{\int_0^L {\phi_0}^2(x)dx} \underline{\underline{\phi_0(x)}}$	$\alpha_L = C_0 \cdot C_{LK} \cdot q \cdot d_o \cdot A_{L0} \cdot \frac{1}{m\omega_0^2} \frac{\int_{L-L_e}^{L} \phi_0(x)dx}{\int_0^L {\phi_0}^2(x)dx}$ ＝＝＝ $\alpha_D = C_0 \cdot C_{DK} \cdot q \cdot d_o \cdot A_{D0} \cdot \frac{1}{m\omega_0^2} \frac{\int_{L-L_e}^{L} \phi_0(x)dx}{\int_0^L {\phi_0}^2(x)dx}$ ＝＝＝
(A5-12)	$2L^2 \frac{\eta_0}{\lambda_0^3}$ を $2\frac{\lambda_0^2}{L^2}$ に訂正	$\sigma_{L0} = \frac{EI}{Z} \cdot C_0 \cdot C_{LK} \cdot q \cdot d_o \cdot A_{L0} \cdot \frac{1}{m\omega_0^2} \frac{\int_{L-L_e}^{L} \phi_0(x)dx}{\int_0^L {\phi_0}^2(x)dx} \cdot \underline{\underline{2L^2 \frac{\eta_0}{\lambda_0^3}}}$	$\sigma_{L0} = \frac{EI}{Z} \cdot C_0 \cdot C_{LK} \cdot q \cdot d_o \cdot A_{L0} \cdot \frac{1}{m\omega_0^2} \frac{\int_{L-L_e}^{L} \phi_0(x)dx}{\int_0^L {\phi_0}^2(x)dx} \cdot \underline{\underline{2\frac{\lambda_0^2}{L^2}}}$
(A5-13)	$2L^2 \frac{\eta_0}{\lambda_0^3}$ を $2\frac{\lambda_0^2}{L^2}$ に訂正	$\sigma_{D0} = \frac{EI}{Z} \cdot C_0 \cdot C_{DK} \cdot q \cdot d_o \cdot A_{D0} \cdot \frac{1}{m\omega_0^2} \frac{\int_{L-L_e}^{L} \phi_0(x)dx}{\int_0^L {\phi_0}^2(x)dx} \cdot \underline{\underline{2L^2 \frac{\eta_0}{\lambda_0^3}}}$	$\sigma_{D0} = \frac{EI}{Z} \cdot C_0 \cdot C_{DK} \cdot q \cdot d_o \cdot A_{D0} \cdot \frac{1}{m\omega_0^2} \frac{\int_{L-L_e}^{L} \phi_0(x)dx}{\int_0^L {\phi_0}^2(x)dx} \cdot \underline{\underline{2\frac{\lambda_0^2}{L^2}}}$
(A5-14)	$2L^2 \frac{\eta_0}{\lambda_0^3}$ を $2\frac{\lambda_0^2}{L^2}$ に訂正	$\sigma_{L0} = \frac{EI}{Z} \alpha_L \cdot \underline{\underline{2L^2 \frac{\eta_0}{\lambda_0^3}}}$ $\sigma_{D0} = \frac{EI}{Z} \alpha_D \cdot \underline{\underline{2L^2 \frac{\eta_0}{\lambda_0^3}}}$	$\sigma_{L0} = \frac{EI}{Z} \alpha_L \cdot \underline{\underline{2\frac{\lambda_0^2}{L^2}}}$ $\sigma_{D0} = \frac{EI}{Z} \alpha_D \cdot \underline{\underline{2\frac{\lambda_0^2}{L^2}}}$
(A5-15)	$2L^2 \frac{\eta_0}{\lambda_0^3}$ を $2\frac{\lambda_0^2}{L^2}$ に訂正 $L^2 \frac{\eta_0}{\lambda_0^3}$ を $\frac{\lambda_0^2}{L^2}$ に訂正	$\sigma_{SL} = \sqrt{\sigma_{L0}^2 + \sigma_{D0}^2} = \sqrt{\alpha_L^2 + \alpha_D^2} \cdot \frac{EI}{Z} \cdot \underline{\underline{2L^2 \frac{\eta_0}{\lambda_0^3}}} = a \frac{EI}{Z} \cdot \underline{\underline{L^2 \frac{\eta_0}{\lambda_0^3}}}$	$\sigma_{SL} = \sqrt{\sigma_{L0}^2 + \sigma_{D0}^2} = \sqrt{\alpha_L^2 + \alpha_D^2} \cdot \frac{EI}{Z} \cdot \underline{\underline{2\frac{\lambda_0^2}{L^2}}} = a \frac{EI}{Z} \cdot \underline{\underline{\frac{\lambda_0^2}{L^2}}}$