

Erratum: “Stress Concentration Factors at Welded Connections Between Tubular Sections and a Transverse Plate” [ASME J. Offshore Mech. Arct. Eng., 2021, 143(4), p. 041701; DOI: 10.1115/1.4049063]

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In the original paper, Eq. (9) (p. 041701-3) and the expression for parameters λ (p. 041701-4, after Eq. (32)) and ρ (p. 041701-5, after Eq. (40)) are not correct.

The corrected equations should read:

$$Q_x = \frac{\partial M_x}{\partial x} = -\frac{2M_0 g_2(\xi)}{l_e} + Q_0 g_4(\xi) \quad (9)$$

$$\lambda = \frac{\nu}{E} \left(\frac{1}{t_1} - \frac{1}{t_2} \right) \frac{2Dk_2}{l_e^2}$$

$$\rho = (1 - 2\beta)\delta + \beta\omega l_{e1}$$