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Diffusion of Hydrogen in Titanium Alloys Due to Composition, Temperature, and Stress Gradients, by J. L. Waisman, George Sines, and L. B. Robinson, pp. 291-302

Page 300, Equation [2.8]

The number 3 was omitted from the denominator of this equation. The equation should read:

$$J_m = -D \left[\frac{dC_m}{dx} + 3.55C_m \frac{dN_{AL}}{dx} - \frac{2.0C_m}{3RT} \frac{d\tau}{dx} + \frac{(5300 - 583N_{AL})}{RT^2} C_m \frac{dT}{dx} \right] \quad [2.8]$$

An Analysis of Plastic Instability in Pure Shear in High Strength AISI 4340 Steel, by Kohichi Tanaka and Joseph W. Spretnak, pp. 443-54

Page 443

The equation on page 443 should read:

$$d\sigma = \left(\frac{\partial\sigma}{\partial\epsilon} d\epsilon + \frac{\partial\sigma}{\partial\dot{\epsilon}} d\dot{\epsilon} + \frac{\partial\sigma}{\partial T} dT \right) = 0$$