

## ERRATA

### Typing error in bolt flexibility equation in Chapter 4.4

Correct equation is:

$$C = \frac{b}{n} \times \left( \frac{t_1 + t_2}{2d} \right)^a \left( \frac{1}{t_1 E_1} + \frac{1}{nt_2 E_2} + \frac{1}{2t_1 E_b} + \frac{1}{2nt_2 E_b} \right)$$

C = fastener flexibility

d = fastener diameter

E = Young modulus

t = Plate thickness

single shear : n = 1

double shear : n = 2

In case of double shear  $t_1$  is the thickness of the female part and  $t_2$  is the thickness of the male part

bolted metallic joints:            a = 2/3            b = 3.0

riveted metallic joints:        a = 2/5            b = 2.2

bolted graphite/epoxy joints: a = 2/3            b = 4.2