Errata

The following error was printed in: Smith, C. C. (2005). Complete limiting stress solutions for the bearing capacity of strip footings on a Mohr-Coulomb soil. Géotechnique 55, No. 8, 607–612. In eqs 7 and 8, the symbol μ was used instead of the \mp symbol. The correct versions of the equations are as below.

$$dy = dx \tan(\varphi \mp \varepsilon) \tag{7}$$

$$d\sigma \mp 2\sigma \tan \phi d\phi = \gamma (dy \mp \tan \phi dx) \tag{8}$$

On the left hand side of eqs 10, 11 and 15 the differential operator on the numerator should be the ordinary differential

operator d rather than the partial differential operator ∂ . The correct versions of the equations are as below.

$$\frac{d\chi}{d\theta} = \frac{\cos(2\psi + \theta) + \chi \sin 2\psi}{\cos 2\psi - \sin \phi}$$
 (10)

$$\frac{d\psi}{d\theta} + 1 = \frac{\sin\theta - \sin\phi\sin(2\psi + \theta) - \chi\cos^2\phi}{2\chi\sin\phi(\cos2\psi - \sin\phi)}.$$
 (11)

$$\frac{d\psi}{d\theta} + 1 = \frac{\sin\theta - \sin\phi\sin(2\psi + \theta) - \chi\cos^2\phi}{2\chi\sin\phi(\cos2\psi - \sin\phi)}.$$

$$\frac{df}{d\theta} = -1 + \frac{\sin\theta - \sin\phi\sin(2\varepsilon + 2f + \theta) - \chi\cos^2\phi}{4f\chi\sin\phi\cos\phi}.$$
(11)