

## Erratum to: Cohesive Dynamics and Brittle Fracture

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**Erratum to: J Elast (2015)**  
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There is a mislabeling of the angle in Fig. 3 the angle written as  $\psi$  should be  $\theta$ . There is a missing differential  $d\theta$  in the multiple integral appearing in (1.10). The correct equation reads

$$\mathcal{G}_c^\epsilon = \frac{2}{V_d} \int_0^\epsilon \int_0^{2\pi} \int_z^\epsilon \int_0^{\arccos(z/\zeta)} \mathcal{W}^\epsilon(\mathcal{S}_c^+, \zeta) \zeta^2 \sin \psi \, d\psi \, d\zeta \, d\theta \, dz.$$

In second line of the statement of Theorem 4.1 both the interval  $0 \leq \beta < 1$  and the equation  $\beta = 2\alpha - 1$  are irrelevant and should not appear. The correct statement of the Theorem is

**Theorem 4.1** *Dependence of the process zone on the radius of the peridynamic horizon*

$$\mathcal{L}^d(PZ^\epsilon(\bar{\theta}, t)) \leq \frac{\epsilon}{\bar{\theta} m f(\bar{r}^2)} \times \frac{C(t)}{2}, \quad \text{for } 0 \leq t \leq T.$$

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