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ERRATUM

Erratum to: Cohesive Dynamics and Brittle Fracture

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There is a mislabeling of the angle in Fig. 3 the angle written as ψ should be θ. 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*

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

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