CORRIGENDUM

On Absolute Convergence of the Separation Work as Calculated by Release of Nodes in a Finite Element Model, K. Hellan and I. Lotsberg, *International Journal of Fracture* 13 (1977) 539-543.

The first paragraph should read as follows

It is known that the specific separation work at the tip of an extending crack may be expressed in the local form, [1]

$$C = -\lim_{A^+ \to 0} \frac{1}{A^+} \int_{S^+} \left(\int_{(a)}^{(b)} T_i \, du_i \right) dS \tag{1}$$

where S^+ is the new surface with area $2A^+$ created by the crack extension between timelike stages (a) and (b), and T_i and u_i are tractions and displacements referred to the same surface. (1) may serve as the basis for the finite element approximation of C by nodal release, having been practiced by several investigators, e.g., [2-6]. Assuming mode I and a two-dimensional formulation the approximation of C is related to the expression

$$C_d = \frac{1}{\Delta a} \int_0^{v(R=0)} R \, dv \tag{2}$$

v and R being the opening displacement and the closing force at the crack tip node, respectively, and a being the inter-nodal distance ahead of the crack tip. The unloading curve R(v) is determined by incremental release of R, and the integration is performed numerically.

Poisson's ratio is 0.3.

The third reference should be

[3] K. Hellen, *Engineering Fracture Mechanics* 8 (1976) 501-506.