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nonzero only in the solution $w_B(x, y, t)$, and, therefore, only this part of the solution is of interest for fracture Here K_J is defined as $\lim_{r \rightarrow 0} (V_2 r T)$ for $y z$ $r \sim 0$ at $\theta = 0$, in which r and θ are the polar coordinates in Fig I(a) and T_{yz} is the Cartesian shear stress component

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