AN APPROXIMATE FORMULA FOR THE STRESS INTENSITY FACTOR FOR THE PRESSURIZED STAR CRACK

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ABSTRACT

An elementary approximate formula for the stress intensity factor for the pressurized star crack is estab-lished. The formula is sufficiently accurate to be used in practical applications in place of the more complex formulas derived by Westmann [1] and Williams [2]. © 2003 Elsevier Science Ltd. All rights reserved.

Keywords : *stress intensity factors, Cracks, Inequalities, Fracture mechanics*.

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