

A fracture equation of mixed mode cracks

xiangqiao yan¹

¹Harbin Institute of Technology

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Abstract

On the basis of the multiaxial fatigue limit equation by Liu and Yan, a fracture equation of mixed mode crack is proposed in this note. By means of the test data on the mixed crack fracture reported in literature, the fracture equation has been verified to be not only simple in computation but also high in accuracy.

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