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12.4 Failure Analysis of a Marine Component

Sommario/riassunto

Critical distance methods are extremely useful for predicting fracture and fatigue in engineering components. They also represent an important development in the theory of fracture mechanics. Despite being in use for over fifty years in some fields, there has never been a book about these methods - until now. So why now? Because the increasing use of computer-aided stress analysis (by FEA and other techniques) has made these methods extremely easy to use in practical situations. This in turn has prompted researchers to re-examine the underlying theory with renewed interest. The book be
