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## 内容概要

The book includes the full papers selected from the fifth annual meeting of the fracture mechanics , held at the wu hua hotel in changsha , hunan province , china , october 31 to november 5 , 2007.the fracture mechanics symposium series was initiated in 2003.the first annual meeting fm2003 was held in shanghai , china , 2003.fm2004 was held in huangshan , anhui province , china , 2004 , fm2005 in zhengzhou , henan province , china , 2005 , and fm2006 in nanjing , jiangsu province , china , 2006.the symposium series provided a great opportunity for professors , researchers engineers and other experts to interchange their research results and ideas in the field of fracture and structural integrity in general.the joint effort among the academic and industrial institutions assured the continuing success of the symposium series.

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