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Altri autori (Persone)	MacDonaldK. A
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Analysing fracture of welded joints and structures -- pt. 2. Analysing fatigue of welded joints and structures.
Sommario/riassunto	The failure of any welded joint is at best inconvenient and at worst can lead to catastrophic accidents. Fracture and fatigue of welded joints and structures analyses the processes and causes of fracture and fatigue, focusing on how the failure of welded joints and structures can be predicted and minimised in the design process. Part one concentrates on analysing fracture of welded joints and structures, with chapters on constraint-based fracture mechanics for predicting joint failure, fracture assessment methods and the use of fracture mechanics in the fatigue analysis of welded joints. In par