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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Fundamentals of fracture mechanics -- Applications of fracture mechanics -- Dynamic fracture and peridynamics -- Structural health monitoring : basic ingredients and sensors -- Statistical pattern recognition and vibration-based techniques -- Fatigue life and reliability assessment -- Structural reliability and risk assessment under extreme loading -- Corrosion and hydrogen embrittlement -- Joints and weldments -- Crack control. |