

3D short fatigue crack closure behavior in Ti-6Al-4V alloy investigated using in-situ high resolution synchrotron X-ray tomography

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バージョン :

権利関係 :



- High-resolution X-ray tomography is used to assess 3D short crack closure behavior
- Near-tip and behind-tip closure is successfully separated for the first time
- 3D crack closure behavior varies due to the complex fracture morphology
- Development of behind-tip closure with crack growth predominantly affects the closure level