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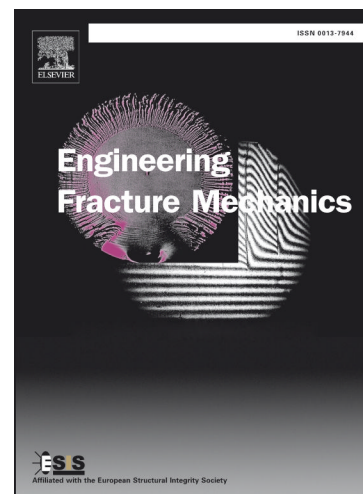
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# Determining critical CTOA from energy-load curves with DWTT specimen

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## Highlights

- A new method is proposed for calculating critical *CTOA* from the energy-load curves.
- Numerical analyses with Gurson damage model have been used to verify the results calculated from the proposed method.
- Good agreement between the energy-load curve based method results and experimental results in the literature is obtained.
- The energy-load curve based method can be applied to both dynamic loading and quasi-static loading.

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