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**Peter Matthiessen** 

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web oct 16 2021 in this abaqus tutorial i have introduced the extended finite element method or xfem method in abaqus you may be wondering what is xfem or how to use xfem xfem method in abaqus allows you to study crack growth along an arbitrary solution dependent path without needing to re mesh your model

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web nov 24 2023 xfem method is used to simulate and analyze the crack propagati on of the beam and the stress intensity factor is used abaqus standard solver is used to extended finite element method