Convergence properties of the VCCT evaluation of the ERR in the FEM solution to the fiber/matrix interface crack problem

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Abstract

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1. **Introduction**

2. **Vectorial formulation of the Virtual Crack Closure Technique (VCCT)**

3. **Formulation of the ERR with respect to the FEM solution's variables**

4. **Convergence analysis**

    4.1. Analytical considerations

    4.2. Numerical results

5. **Conclusions & Outlook**