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A scaled boundary finite element method for modelling crack face contact problems

Peng Zhang, Chengbin Du, Xinran Tian, Shouyan Jiang

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Highlights

1. Crack face contact problem is studied by using the SBFEM.
2. The SBFEM shape function considering the side-face loads is first presented.
3. The point constraints are used for the non-crack tip elements.
4. The segment constraints are used for crack tip elements.

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