The Direct Coupling Method of Natural Boundary Element and Finite Element on Elastic Plane Problem in Unbounded Domain

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Summary

The advantage of the coupling method of natural boundary element method(NBEM) and finite element method (FEM) is introduced firstly. Then the principle of the direct coupling method of NBEM and FEM, and its implementation, are discussed. The comparison of results between the direct coupling method and FEM proves that the direct coupling method is simple, feasible and valid in practice.