

Boundary Element Techniques

The Boundary Element Method (BEM), also known as the Boundary Integral Equation Method (BIEM), has become an established method of solution in several important areas of engineering such as fracture mechanics, acoustics, and solid dynamics, among others. This mini-symposium is intended to bring together researchers and engineers from academia and industry to discuss the recent evolution of BEM and to promote further international co-operation on the subject.

Researchers from all countries are cordially invited to contribute with their recent work to this mini-symposium. Although the method has had an enormous growth in the last 30 years, there are still many areas where the method needs to be developed further. We are particularly searching for contributions covering new formulations and ideas for a wide range of applications as well as reports on advances made on the development and implementation of robust numerical tools that can be used to analyze complex problems in the context of Applied Mechanics and Engineering. Contributions on analysis of practical applications are very much encouraged.