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Independently Published, United States, 2018. Paperback. Condition: New. Language: English. Brand new Book. A coupled finite element (FE) and boundary element (BE) approach is presented to model full coupled structural/acoustic/piezoelectric systems. The dual reciprocity boundary element method is used so that the natural frequencies and mode shapes of the coupled system can be obtained, and to extend this approach to time dependent problems. The boundary element method is applied to interior acoustic domains, and the results are very accurate when...

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- Authored by National Aeronautics and Space Adm Nasa
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