

## Block element method and its application in seismology

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**A** new mathematical method based on high-level mathematics called the block element method was developed. The method is applicable to boundary value problems for partial differential equations and their systems. The method includes a number of other mathematical approaches and has numerous applications in various fields. Thanks to this method, it was possible to investigate and solve a number of problems that could not be solved by other methods. The method, despite numerous applications, is in the development stage and penetrates into an increasing number of scientific problems. The advantage of

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