

Abstracts

Analysis of Double Groove Guide Coupling Structures Using Domain Bases EW--BIEM

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Double groove guide structures can be used to realize the coupling between groove guides of different kinds. In this letter, a novel method for studying these structures is introduced. The calculation model developed from eigen-weighted boundary integral equation method is given and applied to analyze double circular groove guide and circular-rectangular double groove guide. The numerical results are obtained and discussed.

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