

عنوان مقاله:

Wave Propagation in an Elastic Quarter Plane

محل انتشار:

ششمین کنفرانس بین المللی مهندسی عمران (سال: 1382)

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خلاصه مقاله:

This work concerns the transient response in elastodynamic quarter plane problems with mixed boundary conditions. Two dimensional elastodynamic equations are solved analytically applying integral transformations and Cagniard-de Hoop method and complex integration. The plots of stresses in response to step function are obtained by numerical integration.

کلمات کلیدی:

Elastic Quarter plane, Wave propagation, Integral transformation, Cagniard-de Hoop method

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