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Scattering of out-plane wave by a circular cavity near the right-angle interface in the exponentially inhomogeneous media

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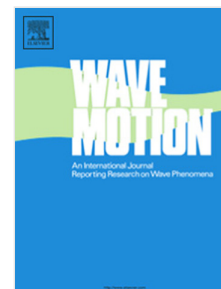
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1. The Helmholtz equation with variable coefficient is solved by a conformal transformation method.
2. The right-angle plane is mapped into the finite one by the image principle.
3. A computing method is presented to calculate the coefficients of the displacement expression.
4. The dynamic stress concentration factor around circular cavity is calculated in exponentially inhomogeneous media.

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