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Stress intensity factor for an elastic half plane weakened by multiple curved cracks

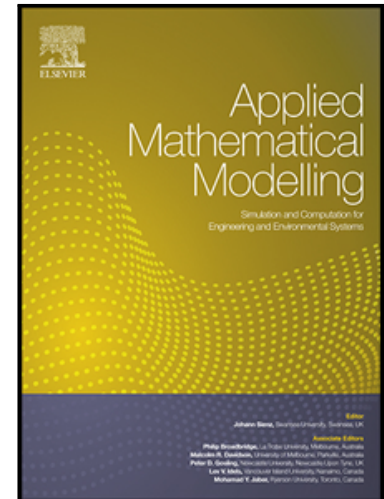
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Highlights

- The multiple curved cracks problem in an elastic half plane is formulated by using the complex potential methods.
- The integral equations are solved numerically using quadrature rule for the stress intensity factor.
- The closer the cracks to the boundary the higher the value of SIF.

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