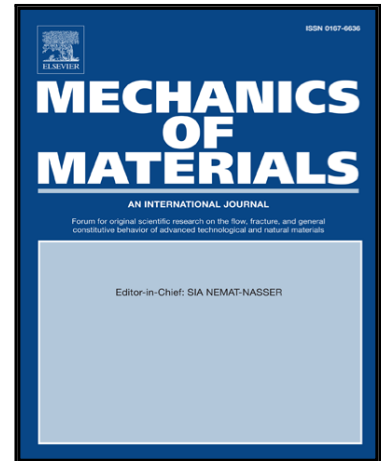


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Interfacial Elastic Fields of a 3D Dislocation Loop in Anisotropic Bimaterials of Finite Thickness Crystal Films

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**Highlights**

The present model has two distinct features of

- easy extensibility to planar or nonplanar multilayered polycrystalline films containing dislocation loops and;
- the ease of numerical implementation for parallel programming. Additionally, the elastic displacement fields obtained can find a useful application in simulation of diffraction imaging and scattering by small dislocation loops in anisotropic thin crystal films.

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