## Equilibrium configurations for nonhomogeneous linearly elastic materials with surface discontinuities

## ANTONIN CHAMBOLLE AND VITO CRISMALE

**Abstract.** We prove a compactness and semicontinuity result that applies to minimisation problems in nonhomogeneous linear elasticity under Dirichlet boundary conditions. This generalises a previous compactness theorem that we proved and employed to show existence of minimisers for the Dirichlet problem for the (homogeneous) Griffith energy.

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