

1092-49-385

Marta Lewicka*, lewicka@pitt.edu. *Dimension reduction for a liquid glass model.* Preliminary report.

We derive the Gamma-limit, as the thickness of a thin film goes to 0, of the non-Euclidean elastic energies where the prestrain tensor is of the form $Id + \vec{n} \otimes \vec{n}$, pertaining to a model of liquid glass. (Received August 14, 2013)