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**Cristina Popovici\*** ([cristina.popovici@ndsu.edu](mailto:cristina.popovici@ndsu.edu)), Department of Mathematics, 300 Minard Hall, North Dakota State University, Fargo, ND. *A  $\Gamma$ -convergence Result in Nonlinear Plate Theory*. Preliminary report.

The asymptotic behavior of the rescaled elastic energy in the context of Nonlinear Plate Theory is addressed via  $\Gamma$ -convergence in the multilayer case, modeled by an explicit dependence of the stored energy function on the position in the sample. (Received September 09, 2007)