

Du, Qiang; Liu, Chun; Ryham, Rolf; Wang, Xiaoqiang

A phase field formulation of the Willmore problem. (English) Zbl 1125.35366

Nonlinearity 18, No. 3, 1249-1267 (2005).

MSC:

35K55 Nonlinear parabolic equations

35B25 Singular perturbations in context of PDEs

53A10 Minimal surfaces in differential geometry, surfaces with prescribed mean curvature

58E12 Variational problems concerning minimal surfaces (problems in two independent variables)

74K15 Membranes

Cited in **48** Documents

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