Cicala, Placido
Asymptotic properties of steep solutions in shells. (English) Zbl 0428.73068
Meccanica 14, 97-102 (1979).

Summary: Analogies in formulation and discrepancies in admissible simplifications in application, between theories for stress states in shallow shells and for steep solutions in non-shallow shells, are noticed.

Distributions of external forces or dislocations along the normals to the midsurface for which particular solutions can be constructed by means of the differential system under consideration, are defined in asymptotic form.

For a scan of this review see the web version.

MSC:
74K15   Membranes
74K25   Shells

Cited in **1** Document

Keywords:
asymptotic properties; stress states in shallow shells; steep solutions in non-shallow shells; steep variation stress states

Full Text: DOI

References:

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