

# To The Refined Theories For Thin-walled Structures

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In the first part of this report would be considered some results connected: i. with problems constructing and analyzing for anisotropic no- homogeneous thin-walled ( preliminary to thermo-dynamical elastic) structures with variable thickness by so-called “refined” theories employed a variety of add hop assumptions ,ii. to decision of Truesdell problem to “Physical Soundness” of von Kármán system for elastic plate differential equations and in dynamic case studying some new relative problems. In the second part we would be considered the problems of investigation, construction and numerical realizations some optimal projective-discrete schemes for approximate solving of some mathematical models corresponding to refined theories for curvilinear regions too.

The attention to these problematic raised with to Seminar formed by Vekua functioning of which is important but not only for me and in this direction the place of Bitsadze as uncompromised analytics was peculiar.

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