

**ON TWO-DIMENSIONAL EQUATIONS OF THE  
NON-LINEAR THEORY OF SHELLS**

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*(Received: March 11, 1998)*

*Abstract*

In the present paper the system of two-dimensional differential equations of non-linear and non-shallow shells by means of I.N. Vekua's method is obtained.

*Key words and phrases:* Non-shallow and non-linear shells, tensor of curvature, hyper-elastic, geodesic torsion.

*AMS subject classification:* 73K 15 SHELLS.