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## **ANALYSIS OF STRESS-DEFORMED STATE COVERAGE IN THE FORM OF DOME**

*The article presents an analysis of the stress-deformed state of thin-walled reinforced concrete shells-domes. The surfaces are outlined for similar geometric shapes. More rational form of the two possible is defined.*

**Keywords:***dome, umbellate dome, folded dome, PC "Lira", the Gaussian curvature, principal stresses.*