

**METHOD OF SELECTION THE DESIGN SCHEMES OF ROOFS  
BASED ON ANALYSIS OF NATURAL FORMS**

The natural analogues of the geometry forms of constructions of roofs buildings and structures are investigated based on the parallel analysis of technical and natural design of forms. The structural systems of roofs of buildings in areas with warm climates receive small vertical loads and more powerful side effects (wind load) could be designed as plant leaves. The roofs under heavy vertical loads could be designed using the scheme of mollusk shells.

The methodology of analysis of technical requirements for the roofs design will help to use the full range of positive properties of natural analogues of roofs constructions.