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Mikhail D. Kovalev

On tensegrity frameworks

These are structures that, in addition to rods of constant length, also include cables and struts. A cable limits the distance between two nodes of the structure from above, a strut limits this distance from below. Such designs look light, airy, and are used in the construction of towers, arches, bridges. They love to be presented under the guise of modern art, although their history goes back more than a century. One of the main questions to their geometry is the question of uniqueness up to isometry of their realization. Interesting results were obtained in this direction. There are also unsolved problems.

SCIENTIFIC SEMINAR
"DIFFERENTIAL GEOMETRY AND APPLICATIONS"

headed by Academician of RAS Anatoly T. Fomenko

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