



Quasi--evolutionary polyoptimization of spatial trusses

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In the paper the discrete quasi—evolutionary polyoptimization process is presented and illustrated with the optimization of an orthogonal double—layer spatial truss. The problem is solved in six cycles of evolution. During the analysis, values of the most important design variables connected with the structure of the object are obtained. As the result of the analysis, the cover that satisfies in the best way all considered requirements is obtained.

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