


Automatic re-meshing from a 2D grid to a 3D model (Technion)

code: COM-0751

This technology is a method for re-meshing complex 3D bodies with holes which are typical of CAD/CAM and computer analysis systems in the engineering and medical fields. This method is qualitatively different than other re-meshing methods and offers an efficient solution based on a new approach utilizing topographical knowledge of the body. It also allows for great flexibility in changing the parameters of the meshing (shape of elements, density, adaptability, etc.).

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