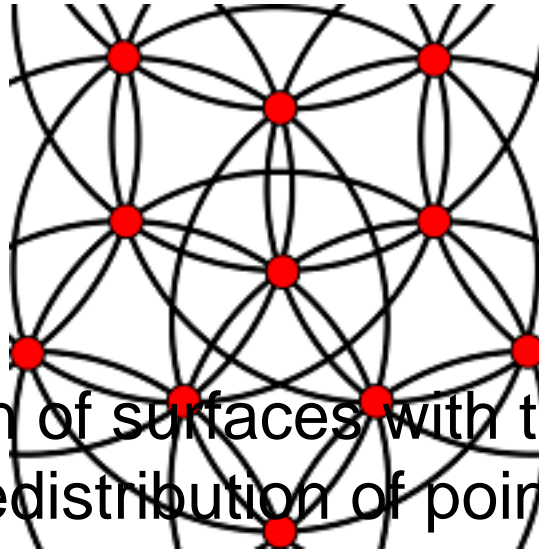


# CSASC 2013



Contribution ID : 70

## Evolution of surfaces with tangential redistribution of points

### Content :

We present an original method for improving numerical solution of equations modeling evolution of surfaces and other manifolds. The technique uses tangential movement of points along the surface during the evolution process. We show how an appropriately chosen tangential velocity helps to obtain a correct solution of the discretized problem. We present several test examples and practical applications.

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**Type** : Oral presentation