

## GEOMETRIC ADAPTIVE FUNCTIONALS FOR STRUCTURED GRID GENERATION

Pablo Barrera Sánchez<sup>1</sup>, Gustavo García Cano<sup>2</sup> and  
Guilmer González Flores<sup>1</sup>

<sup>1</sup>Laboratorio de Cómputo Científico  
Departamento de Matemáticas  
Facultad de Ciencias - Universidad Nacional Autónoma de México  
Circuito Exterior de Ciudad Universitaria  
04510 México  
e-mail: pablobarrera@ciencias.unam.mx, guilmerg@yahoo.com  
URL: <http://www.matematicas.unam.mx/unamalla/>

<sup>2</sup>Estudiante de Posgrado,  
Laboratorio de Cómputo Científico  
Departamento de Matemáticas  
Facultad de Ciencias  
Universidad Nacional Autónoma de México  
Circuito Exterior de Ciudad Universitaria  
04510 México  
[avis.phoenix@gmail.com](mailto:avis.phoenix@gmail.com)

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In this work we present a method for adaptive geometric in structured grids over plane irregular regions over geometrical subsets. The adaptive can be used to density the cells around of an internal object or near to the boundary using an adequate control function based on distances. We present some results using a reference mesh to define a control function for general cases. In other order hand, in this talk we present the new version of UNAMALLA System that uses the recently developed discrete functional, the new version will be able to construct multiblock structured grids.

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