

[Linardakis, Leonidas](#); [Chrisochoides, Nikos](#)

Graded Delaunay decoupling method for parallel guaranteed quality planar mesh generation. (English) [Zbl 1167.65352](#)

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MSC:

[65D99](#) Numerical approximation and computational geometry (primarily algorithms)

[65Y05](#) Parallel numerical computation

[65M50](#) Mesh generation, refinement, and adaptive methods for the numerical solution of initial value and initial-boundary value problems involving PDEs

[65N50](#) Mesh generation, refinement, and adaptive methods for boundary value problems involving PDEs

[65L50](#) Mesh generation, refinement, and adaptive methods for ordinary differential equations

Keywords:

[mesh generation](#); [parallel mesh generation](#); [Delaunay mesh](#); [domain decomposition](#); [parallel algorithms](#); [distributed memory computers](#)

Software:

[Algorithm 870](#); [Triangle](#)

Full Text: [DOI](#)