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Generalised primal-dual grids for unstructured co-volume schemes

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## Highlights

- New approach for the construction of staggered unstructured computational grids.Use of Regular-Power tessellations to define optimal staggered orthogonal meshes.
- Development of new methods for the optimisation of Regular-Power structures.
- Results confirm Regular-Power approach is superior to Delaunay-Voronoi methods.
- Open-source implementation provided in the JIGSAW meshing library.

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