

## Tailored meshing for parallel 3D electromagnetic modeling using high-order edge elements

**URL:** <https://www.sciencedirect.com/science/article/pii/S1877750322001818>

**Authors:** [Castillo-Reyes, Octavio](#) / [Amor-Martin, Adrian](#) / [Botella, Arnaud](#) / [Anquez, Pierre](#) / [García-Castillo, Luis](#)

**Research Lines:** [Electromagnetic Modeling and Inversion](#) / [HPC Geophysical Applications](#) / [Mesh generation and adaptivity](#)

**Publication:** Journal of Computational Science

**Volume / Pagination:** 63 / 101813

**Paraules clau:** [3D geophysical electromagnetics](#), [High-order edge elements](#), [numerical modeling](#), [Tailored mesh refinement](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

---

**Source URL (retrieved on 25 nov 2024 - 16:57):** <https://www.bsc.es/ca/research-and-development/publications/tailored-meshing-parallel-3d-electromagnetic-modeling-using>