

Convergence Verdict

MESH CONVERGENCE VERDICT

Study: 6 resolutions (dp = 0.020 to 0.004 m)
Boulder: BLIR3 (d_eq = 10.0 cm)
Hardware: NVIDIA RTX 5090
Total compute: 457 min (7.6 h)

Metric	Last delta	Status
○ Displacement	6.4%	NOT CONV.
● SPH Force	0.9%	CONVERGED
● Velocity	0.8%	CONVERGED
● Rotation	2.3%	CONVERGED
○ Contact Force	71.8%	NOT CONV.

VERDICT: CONVERGENCIA PARCIAL

Convergidas: F_SPH, velocidad. dp=0.004 acceptable con caveats.