

# Convergence Verdict

## MESH CONVERGENCE VERDICT

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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)

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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.

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VERDICT: CONVERGENCIA PARCIAL

Convergidas: F\_SPH, velocidad. dp=0.004 aceptable con caveats.

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