

# Appendix M — Wormhole Stability & Collapse Dynamics

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Classification Result: **Stable**

$\Delta\kappa_{\text{final}} = 3.536\text{e-}02$

$\Lambda=1.000\text{e-}03$ ,  $G=1.000\text{e-}05$ ,  $\Lambda=1.000\text{e-}06$ ,  $\alpha=0.500$

Metric	Description	Value
$\Delta\kappa_{\text{final}}$	Final curvature difference	3.536e-02
Max $ E_{\text{flux}} $	Maximum energy flux magnitude	1.453e-06
Mean S	Average stability metric	0.953

See associated figures:

- PAEV\_M5\_ThroatStability.png
- PAEV\_M5\_EnergyFluxEvolution.png