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Stellar Evolution and Black Stars via Progressive Entanglement Saturation

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Abstract

v23 shows that stellar cores are regions of progressive entanglement saturation. Neutron stars with saturated cores ("black stars") are the observable intermediate phase between ordinary neutron stars and black holes.

1 Stellar Evolution Phases

1. Main-sequence: partial saturation \rightarrow fusion 2. 1.4– 2.2 M: full saturation in core \rightarrow black star (observed candidates) 3. \gtrsim 2.2 M: global saturation \rightarrow black hole (no singularity)

2 Conclusion

All stellar endpoints explained by the same saturation mechanism (v9–v22).