Detailed study of the stability of planetary systems captured by a massive stellar remnant

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Our results

Pavlík & Shore (2021): first analysis of the initial conditions and outcomes

Fuksa's MSc Thesis (2024): focus on capture scenarios and long-term evolution (Gyrs), discussion about their stability

This poster (#15): planetary system captured by a $10 M_{\odot}$ black hole

Upcoming paper: planetary system captured by a $2M_{\odot}$ neutron star (formation of planets around pulsars?)