



YONSEI
Math-CSE Special Colloquium

Behavior of solutions near singularities for perturbed Kepler problems

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Abstract:

This is a classic topic in celestial mechanics.

Estimates by Sundman (1913) and Sperling (1970) are well-known to the community, but their proofs are somewhat complicated.

In this talk we will share a simpler approach based on some ODE techniques.

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Sci Building #225