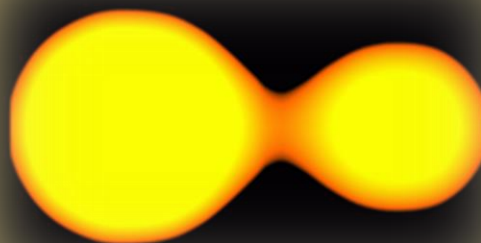


Observational verification of the limb darkening laws in contact binaries

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Initial result: square-root limb darkening law fits data best!

Finite Exposure Time Effect (FETE)

Typical orbital period of a contact binary: **0.37 days**

Long Cadence exposure in the Kepler mission: **0.02 days**

