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## Recent developments in the theory of planet migration

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The migration of planets through disc-planet interactions is likely to be important during planet formation. Evidence for migration is provided by systems of multiple exoplanets in which planets are in mean motion resonances and by the orbital configurations of circumbinary planets. However, attempts to reproduce the known population of exoplanets by planetary population synthesis models that include migration have not been successful, in part because inwards migration is too efficient. In this talk, I will review our current understanding of planet migration and describe recent developments in the context of protoplanetary discs where the turbulent viscosity is weak and radiative processes play an important role.

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