

1 January 2018
 3572 exoplanets
 (~2600 systems, ~590 multiple)
 [numbers from NASA Exoplanet Archive]

Exoplanet Detection Methods

Indirect/ miscellaneous

- protoplanetary disks
- debris disks/colliding planetesimals
- star accretion/pollution
- white dwarf pollution
- radio emission
- X-ray emission
- gravitational waves

Dynamical

Microlensing

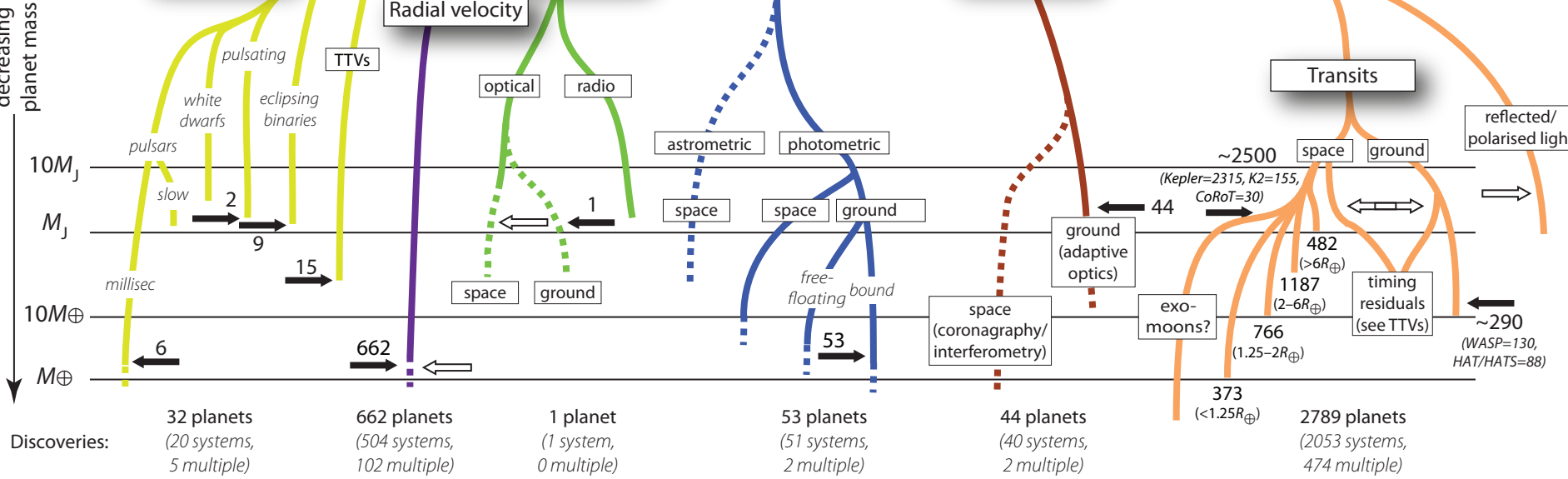
Photometry

Imaging

Transits

reflected/ polarised light

decreasing planet mass



— existing capability ···· projected n = planets known → discoveries ⇌ follow-up detections