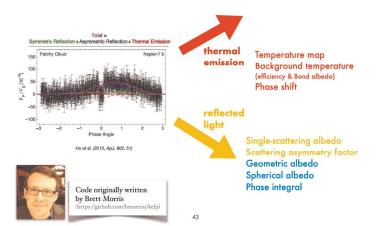
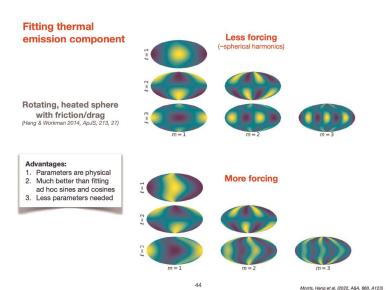
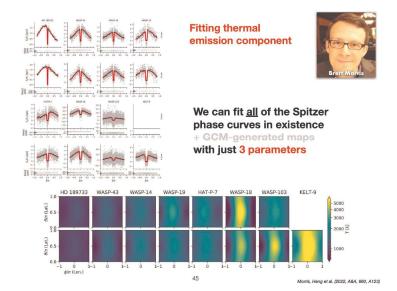
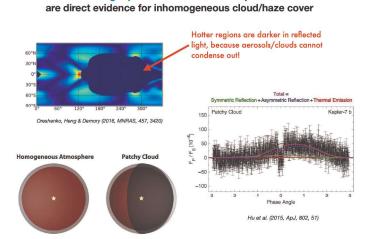
How Do We Interpret Phase Curves? New Approach



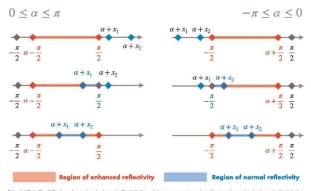






Reflected light phase curves: westward peak offsets

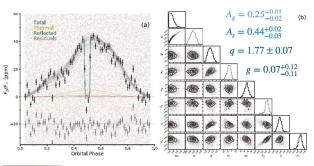
Results can be generalised for inhomogeneous spheres/atmospheres!



Extended Data Fig. 41 Regions of normal and enhanced reflectivity for an inhomogeneous admosphere. Regions of normal and enhanced reflectivity for in inhomogeneous atmosphere in terms of the longitude Φ within the observer-entire coordinate system. In the local longitude of the explaned (where he substitute point size at r = 0), the atmosphere has a baseline single-scattering alloeds of a_0 across $x \le x \le x$. When this region is within view of the observer, it is highlighted with a tick blue line. Regions of enhanced reflectivity (with a total single-scattering alloed of $\omega = a_0 + \omega'$) that are within the observer's view are highlighted with thick red lines.

Re-interpretation of Kepler-7b phase curve [Kepler data]

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Spherical albedo and phase integral may be retrieved directly from reflected light phase curve of transiting exoplanet (for the first time)!

Aerosols are small and have a condensation temperature ~1600 K.