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Abstract: The NASA Exoplanet Archive is an online service that compiles astronomical information on extra solar planets and their host stars. The data in the archive include exoplanet parameters (such as orbits, radii, masses, etc.), stellar parameters (such as positions, magnitudes, temperatures, etc.), and associated data (such as published radial velocity curves, photometric light curves, spectra, etc.); all of them linked to the original literature reference. The archive provides tools to work with these data, including interactive tables (with plotting capabilities), interactive light curve viewer, periodogram service, transit and ephemeris calculator, and application program interface.

The NASA Exoplanet Archive also serves data related to the Kepler Mission, including Kepler Objects of Interest (KOI activity tables), Threshold Crossing Events (TCE), Data Validation (DV) reports and summaries, Stellar Parameters used by the Kepler Pipeline, and curation of Kepler Planet Names.

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