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Detrending Spitzer Microlensing Campaign Light Curves using Pixel Level Decorrelation

In recent years, the Infrared Array Camera (IRAC) on the Spitzer Space Telescope has been given a new role as microlens parallax satellite. Over the past decade, IRAC has been notoriously known for its contribution to the study of transiting planets and their atmospheres. These investigations require high photometric precision leading to the development of a multitude of photometric techniques. We test the applicability of Pixel Level Decorrelation to detrend instrumental effects from microlensing signals. We present the performance of this technique on time series photometry of microlensing events obtained from the Spitzer Microlensing Campaign.