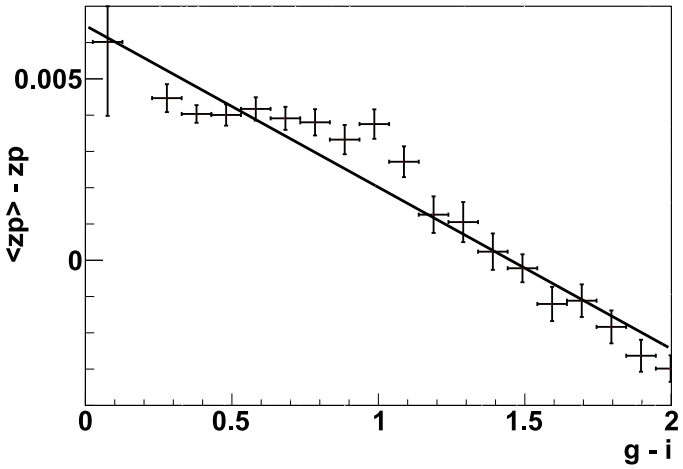
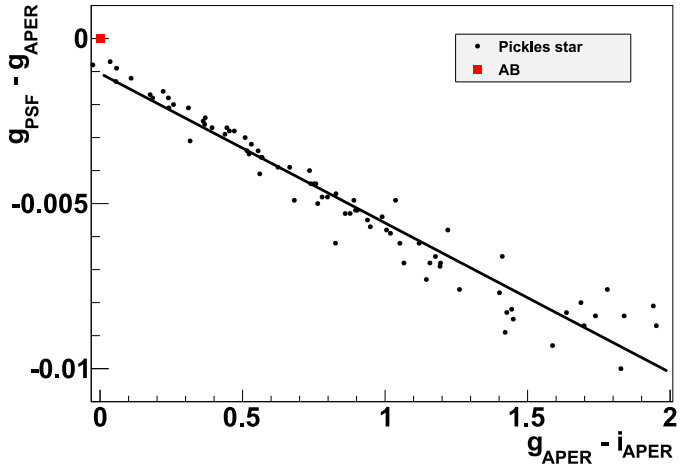



(a) Zero point residuals as a function of color for real data in $g$ band, for a zero point fit using Eq. (27).




(b) Difference between synthetic aperture and PSF magnitudes as a function of the star (aperture) color, for stars from the Pickles (1998) spectroscopic library. The effective PSF bandpass has been adjusted for the slope to reproduce that of the above plot.