

Abstract Submitted
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VI CCD Photometry of the Old Open Clusters IC 361 and Berkeley 78. AMY JONES, Graduate Student, RANDY PHELPS, Director of Education for NSF — Open clusters are important test particles for probing the formation and evolution of the Milky Way disk. We have undertaken VI CCD photometry of the poorly studied open clusters IC 361 and Berkeley 78. Ages, reddenings $[E(V-I)]$, Heliocentric distances $[d]$, apparent distance moduli $[(m-M)_v]$, true distance moduli $[(m-M)_o]$, Galactocentric radii $[R_{GC}]$, and vertical distances for the plane $[z]$ for these clusters have been determined using the Girardi et al.(2002, A&A, 391, 195) isochrones.

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