

GD220ahy – Model: Binary Lens with orbital motion 2

20 September 2023 UT 16:05:52

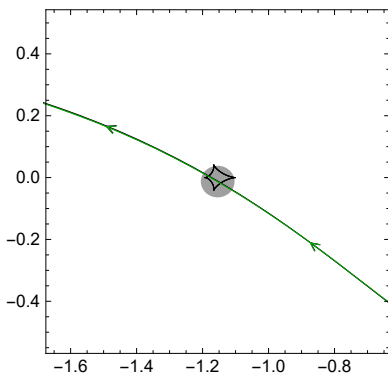
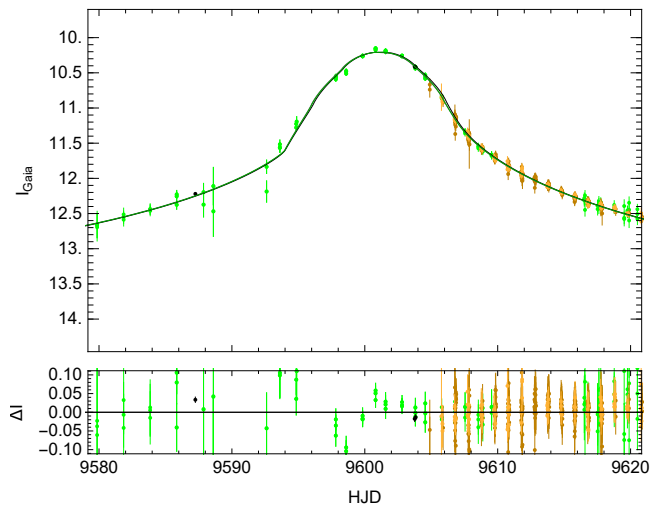
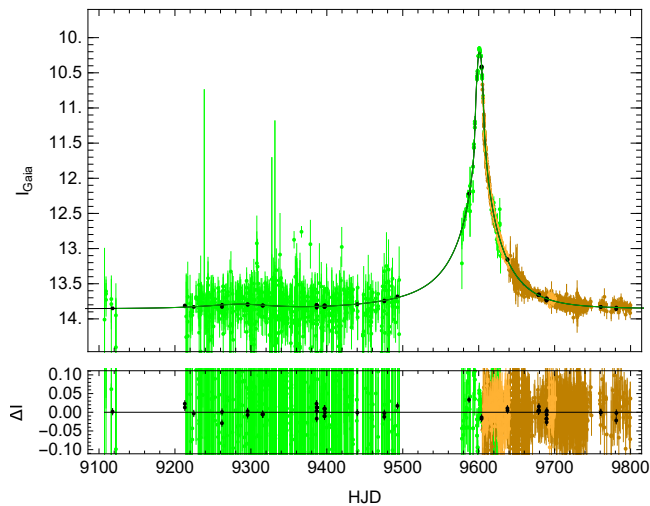
$s=3.68744\pm 0.0621651$ $q=0.515241\pm 0.0173216$ $u_0=0.700243\pm 0.0257193$
 $\alpha=5.78831\pm 0.0228288$ $\rho^*=0.05111113\pm 0.00133327$ $tE=123.414\pm 5.96604$
 $t_0=9494.6\pm 0.696495$ $\pi N=-0.166017\pm 0.0222345$ $\pi E=-0.158418\pm 0.0163651$

(ds/dt)/s= -6

-1.43094 10 \pm 0.0000605092 d α /dt= -6

2.48232 10 \pm 0.0000652193 w3=0.000129798 \pm 0.000875639

$\chi^2= 2324.81$



Telescope	BaseLine	FB/FS
ASASSN A	14.9413 \pm 0.0133548	2.27162 \pm 0.0681865
AAVSO i	12.5725 \pm 0.0315089	0.0445538 \pm 0.0197347
LCOGT SAO A R	14.2433 \pm 0.031504	0.0773555 \pm 0.0214252
Gaia 2	13.86 \pm 0.0380902	0.109826 \pm 0.0275222