

**GD220ahy – Model: Binary Lens with orbital motion 1**

20 September 2023 UT 16:05:48

$s=3.55797\pm 0.0572062$

$q=0.679892\pm 0.0469896$

$u_0=0.553223\pm 0.0254423$

$\alpha=5.94424\pm 0.0190478$

$\rho^*=0.0368362\pm 0.00188976$

$tE=115.118\pm 5.844$

$t_0=9470.9\pm 0.389888$

$\pi_N=-0.033769\pm 0.0227605$

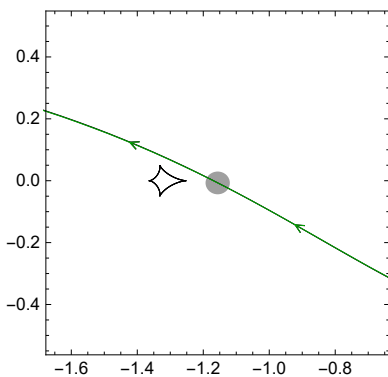
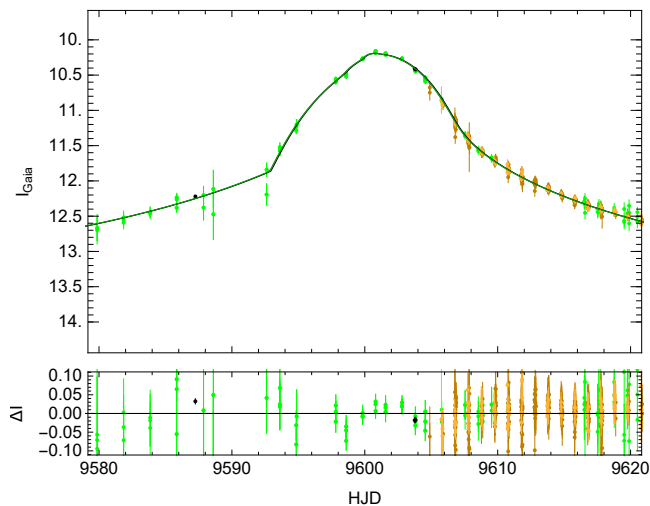
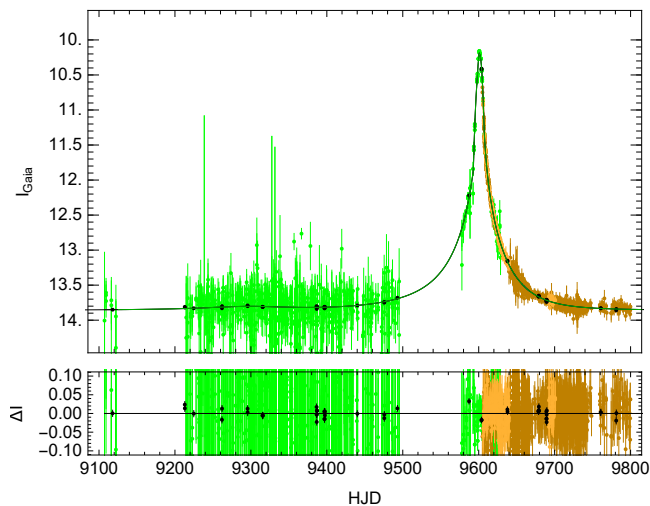
$\pi_E=-0.12802\pm 0.0163019$

$(ds/dt)/s=-0.0005217\pm 0.000128731$

$d\alpha/dt=0.000215899\pm 0.000053662$

$w_3=0.00214053\pm 0.0002560$

$\chi^2=2181.93$



**Telescope**

ASASSN A

AAVSO i

LCOGT SAO A R

Gaia 2

**BaseLine**

$14.9421\pm 0.0288235$

$12.5707\pm 0.0752559$

$14.244\pm 0.0746371$

$13.8597\pm 0.0812954$

**FB/FS**

$2.13073\pm 0.134987$

$-0.000316454\pm 0.0480798$

$0.0288944\pm 0.0501456$

$0.0709568\pm 0.0568239$