Spectrum i = 0, Trough 0/0, Δt_{rest} = 2.424 yea 1079-52621-0234 cEm 2g.txt-vs-4229-55501-0424 **Normalized Flux** 1.0 8.0 First epoch 0.6 Second epoch Shifted 0.4 25 20 15 10 30 1.0 5000 Correlation coefficient CCPI **CCF** 8.0 4000 3000 z 0.6 0.4 2000 0.2 1000 0.0

-2 0 2-2 0 2-2 0 2 :: -725.1 + 139.7 - 134.5 km/s, Accel: -0.948+ 0.183 - 0.176 c

Spectrum i = 0, Trough 0/0, Δt_{rest} = 3.677 yea 1079-52621-0234_cEm_2g.txt-vs-7818-56989-0365 **Normalized Flux** 1.0 8.0 First epoch 0.6 Second epoch Shifted 0.4 25 20 10 15 30 1.0 Correlation coefficient CCP 4000 8.0 3000 0.6 2000 0.4 1000 0.2 0.0

:: -725.7 + 130.5 - 134.8 km/s, Accel: -0.626+ 0.113 - 0.116 c

Spectrum i = 0, Trough 0/0, $\Delta t_{rest} = 1.252$ yea 4229-55501-0424_cEm 2g.txt-vs-7818-56989-0365 1.0 Normalized Flux
0.0
0.7
0.8
0.7 First epoch Second epoch Shifted 0.5 25 20 10 15 30 1.0 Correlation coefficient CCPD CCD **CCF** 3000 0.8 0.6 2000 0.4 1000 0.2 0.0 t: -139.2 + 37.6 - 38.6 km/s, Accel: -0.353+ 0.095 - 0.098 cı

Spectrum i = 1, Trough 0/2, Δt_{rest} = 3.345 year 0766-52247-0475_cEm 2g.txt-vs-5732-56326-0964 Normalized Flux 1.5 1.0 Second epoch 0.5 Shifted 25 20 10 30 15 1.0 Correlation coefficient CCPD **CCF** CCD 3000 0.8 0.6 ²⁰⁰⁰ z 0.4 1000 0.2 0.0

:: 1242.0 + 138.0 - 480.1 km/s, Accel: 1.177+ 0.131 - 0.455 c

Spectrum i = 1, Trough 0/2, Δt_{rest} = 3.891 year 0766-52247-0475_cEm 2g.txt-vs-7305-56991-0823 Normalized Flux 1.5 1.0 First epoch Second epoch 0.5 Shifted 25 20 10 30 15 1.0 Correlation coefficient 4000 CCD CCPD **CCF** 8.0 3000 0.6 2000 Z 0.4 1000 0.2 0.0

t: 862.1 + 351.9 - 168.9 km/s, Accel: 0.703+ 0.287 - 0.138 cr

Spectrum i = 1, Trough 0/2, Δt_{rest} = 0.545 yea 5732-56326-0964_cEm 2g.txt-vs-7305-56991-0823 1.4 Normalized Flux 1.2 1.0 8.0 First epoch Second epoch 0.6 Shifted 25 20 10 30 15 1.0 Correlation coefficient CCD CCPD **CCF** 8.0 4000 3000 0.6 0.4 2000 0.2 1000 0.0

67.9 - 132.2 km/s, Accel: -0.020+ 0.395 - 0.769 cn

Spectrum i = 1, Trough 1/2, Δt_{rest} = 3.345 year 0766-52247-0475_cEm 2g.txt-vs-5732-56326-0964 Normalized Flux 1.5 1.0 Second epoch 0.5 Shifted 25 20 10 30 15 1.0 Correlation coefficient CCPD **CCF** CCD 4000 0.8 3000 0.6 2000 0.4 1000 0.2 0.0

:: 1242.0 + 138.0 - 483.0 km/s, Accel: 1.177+ 0.131 - 0.458 c

Spectrum i = 1, Trough 1/2, Δt_{rest} = 3.891 year 0766-52247-0475_cEm 2g.txt-vs-7305-56991-0823 Normalized Flux 1.5 1.0 First epoch Second epoch 0.5 Shifted 25 20 10 30 15 1.0 4000 Correlation coefficient CCD CCPD **CCF** 8.0 3000 0.6 2000 = 0.4 1000 0.2 0.0 t: 861.2 + 348.6 - 168.9 km/s, Accel: 0.702+ 0.284 - 0.138 cr

Spectrum i = 1, Trough 1/2, Δt_{rest} = 0.545 year 5732-56326-0964_cEm 2g.txt-vs-7305-56991-0823 1.4 Normalized Flux 1.2 1.0 8.0 First epoch Second epoch 0.6 Shifted 25 20 10 30 15 1.0 Correlation coefficient CCD CCPD **CCF** 8.0 4000 3000 0.6 0.4 2000 0.2 1000 0.0

69.5 - 130.9 km/s, Accel: -0.028+ 0.404 - 0.761 cn

Spectrum i = 1, Trough 2/2, Δt_{rest} = 3.345 year 0766-52247-0475_cEm 2g.txt-vs-5732-56326-0964 Normalized Flux 1.5 1.0 First epoch Second epoch 0.5 Shifted 25 20 10 30 15 1.0 4000 Correlation coefficient CCPD **CCF** CCD 8.0 3000 0.6 2000 Z 0.4 1000 0.2 0.0

:: 1242.0 + 138.0 - 483.0 km/s, Accel: 1.177+ 0.131 - 0.458 c

Spectrum i = 1, Trough 2/2, Δt_{rest} = 3.891 year 0766-52247-0475_cEm 2g.txt-vs-7305-56991-0823 Normalized Flux 1.5 1.0 First epoch Second epoch 0.5 Shifted 25 20 10 30 15 1.0 Correlation coefficient CCD CCPD **CCF** 3000 0.8 0.6 2000 z0.4 1000 0.2 0.0 t: 863.6 + 371.9 - 170.6 km/s, Accel: 0.704+ 0.303 - 0.139 cr

Spectrum i = 1, Trough 2/2, Δt_{rest} = 0.545 year 5732-56326-0964_cEm 2g.txt-vs-7305-56991-0823 1.4 Normalized Flux 1.2 1.0 8.0 First epoch Second epoch 0.6 Shifted 25 20 10 30 15 1.0 Correlation coefficient CCD CCPD **CCF** 4000 0.8 3000 0.6 0.4 2000 0.2 1000 0.0

68.3 - 131.5 km/s, Accel: -0.023+ 0.397 - 0.764 cn