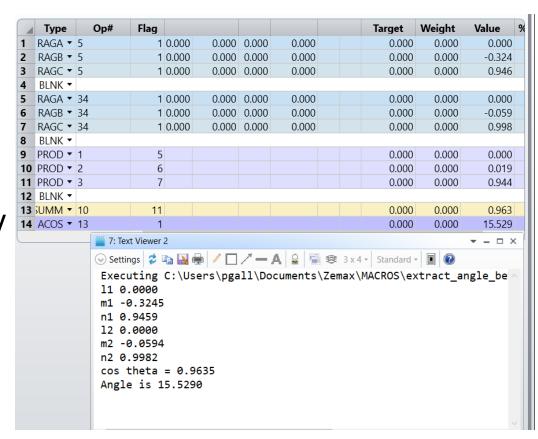
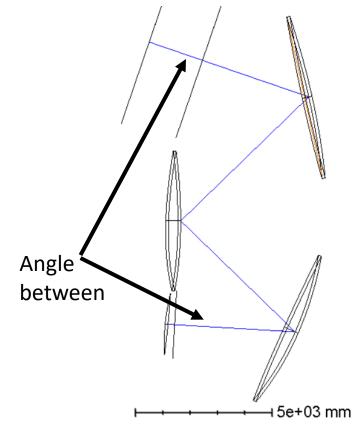
Chief ray boresight-focal plane angle

- For the boresight, take chief ray direction in global coordinates before primary (u)
- Take chief direction ray at focal plane (v)
- Angle=arccos(u dot v)
- Test with merit function, script it for future use (see github).





H = -2110.1553, V = 13366.759 SP TMA • Special case, off axis fields Evaluate explicitly • Angle is 9.95 degrees

F/# options

f/#	Boresight-focal plane angle [deg]
3.7 SP TMA	9.95
2.5	15.5
2.8	13.6
3.1	16.5
3.3	20.4
3.6	15.5
3.25	14.4
3.0	17.5
3.15	12.9