The residuals which result from these elements are given under the heading (O–C) in the table of normal places. In making a least-square solution, all the elements save P were included and the elements of both curves carried at the same time, so that the twelve normal places yield twenty-four observation equations. The results of the fainter component were given half the weight assigned to the primary.

OBSERVATION EQUATIONS

		x	y	z	u	v	w	$-n$	Weight
1		1	− ·708	0	+1·035	− ·508	+ ·596	−2·520	·8
2		1	− ·930	0	+ ·912	− ·477	+ ·695	−1·430	1·0
3		1	−1·216	0	+ ·496	− ·388	+ ·725	+ ·100	·8
4		1	−1·318	0	+ ·260	− ·336	+ ·680	+1·860	1·2
5		1	−1·422	0	− ·038	− ·260	+ ·572	−2·650	1·2
6		1	−1·511	0	− ·452	− ·091	+ ·219	+3·120	·6
7		1	−1·560	0	− ·512	− ·046	+ ·040	+2·330	·8
8		1	−1·539	0	− ·431	+ ·105	− ·251	−2·820	1·2
9		1	−1·200	0	+ ·529	+ ·395	− ·729	−2·420	1·2
10		1	−1·050	0	+ ·780	+ ·148	− ·727	+5·440	1·6
11	··	1	− ·910	0	+ ·928	+ ·182	− ·689	+0·900	0·8
12	··	1	− ·736	0	+1·009	+ ·506	− ·611	+3·050	1·0
13	··	1	0	+ ·708	−1·238	+ ·620	− ·727	−4·480	·4
14		1	0	+ ·930	−1·112	+ ·582	− ·848	+3·030	·5
15		1	0	+1·216	− ·805	+ ·473	− ·885	+1·920	·4
16		1	0	+1·318	− ·217	+ ·409	− ·830	+5·720	·6
17		1	0	+1·422	+ ·046	+ ·317	− ·698	+2·990	·6
18		1	0	+1·544	+ ·552	+ ·111	− ·268	+0·010	·3
19		1	0	+1·560	+ ·625	+ ·020	− ·049	+0·980	·4
20		1	0	+1·539	+ ·529	− ·127	+ ·306	−4·210	·6
21		1	0	+1·200	− ·645	− ·481	+ ·889	+0·370	·6
22		1	0	+1·050	− ·951	− ·517	+ ·887	−1·900	·8
23		1	0	+0·910	−1·132	− ·587	+ ·840	−0·920	·4
24		1	0	+ ·736	−1·234	− ·617	+ ·716	−1·140	·5