

BRICK

ROYAL OBSERVATORY, CAPE OF GOOD HOPE.

[Form 1943]

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[Form 1943]

STELLAR PARALLAX:

A LITERARY JOURNAL

STELLAR PARALLAX:

MEASUREMENT OF PHOTOGRAPHS.

List No. 699

Ref. Plate 668

Plate 10250f

List No. 1943

Ref. Plate 736

Plate 16243

Star	Approx. Co-ords. x y		1st Exposure		2nd Exposure		3rd Exposure		4th Exposure		5th Exposure		6th Exposure		7th Exposure		8th Exposure		9th Exposure		10th Exposure	
			Direct	Reversed	Direct	Reversed	Direct	Reversed	Direct	Reversed	Direct	Reversed	Direct	Reversed	Direct	Reversed	Direct	Reversed	Direct	Reversed	Direct	Reversed
π	-	-	.564	.564	.560	.559	.591	.553	.585	.585	.585	.585	.585	.585	.585	.585	.585	.585	.585	.585	.585	.585
1.	+ 33	+ 45	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597	.597
2.	- 38	+ 26	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600	.600
3.	+ 7	- 22	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633	.633
4.	- 50	- 23	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671	.671
5.	+ 42	- 34	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708	.708
6.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Star	D		Direct		Reversed		Direct		Reversed		Direct		Reversed		Direct		Reversed		Direct		Reversed	
			DΔx ₁	DΔx ₂	DΔx ₃	DΔx ₄	DΔx ₁	DΔx ₂	DΔx ₃	DΔx ₄	DΔx ₁	DΔx ₂	DΔx ₃	DΔx ₄	DΔx ₁	DΔx ₂	DΔx ₃	DΔx ₄	DΔx ₁	DΔx ₂	DΔx ₃	DΔx ₄
1	.243	.1272	.1246	.1220	.1220	.1220	.1276	.1276	.1248	.1248	.1276	.1276	.1248	.1248	.1276	.1276	.1248	.1248	.1276	.1276	.1248	.1248
2	.204	.1224	.1232	.1224	.1224	.1224	.1246	.1236	.1246	.1246	.1246	.1236	.1246	.1246	.1246	.1236	.1246	.1246	.1246	.1236	.1246	.1246
3	.196	.1241	.1219	.1207	.1207	.1207	.1299	.1266	.1245	.1245	.1299	.1266	.1245	.1245	.1299	.1266	.1245	.1245	.1299	.1266	.1245	.1245
4	.192	.1288	.1267	.1279	.1279	.1279	.1336	.1296	.1290	.1290	.1336	.1296	.1290	.1290	.1336	.1296	.1290	.1290	.1336	.1296	.1290	.1290
5	.195	.1381	.1359	.1346	.1346	.1346	.1414	.1386	.1390	.1390	.1414	.1386	.1390	.1390	.1414	.1386	.1390	.1390	.1414	.1386	.1390	.1390
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sum (a)	.6406	.6323	.6276	.6276	.6276	.6276	.6586	.6460	.6419	.6419	.6586	.6460	.6419	.6419	.6586	.6460	.6419	.6419	.6586	.6460	.6419	.6419
(b)	.5860	.5590	.5557	.5557	.5557	.5557	.5877	.5880	.5880	.5880	.5877	.5880	.5880	.5880	.5877	.5880	.5880	.5880	.5877	.5880	.5880	.5880
-	.74	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733	.733
Weight	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solution (m)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676	.0676
2	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658	.658
3	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610	.610
Sum =	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144	.144
Mean =	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648	.0648

113

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