

Double Stars observed at Madras with the Lerebours Equatoreal.
By Capt. W. S. Jacob.

Synonym.	R.A.	N.P.D.	Position Angle.	Wt.	No. of Obs.	Mag. Power.	Distance.	Wt.	No. of Obs.	Magnitudes.	
	^h ^m	^o [']	^o				"				
α Piscium	1 55	87 57	327 ^o .73	6	5	365	3 ^o .23	4	6	5'-5'	1854 ^o .165
			327 ^o .97	4'	5	277	3 ^o .05	4	6	...	.167
			327 ^o .84	5'	5	...	3 ^o .25	5	8	...	.170
			Mean result	327 ^o .83	16	15		3 ^o .18	13	20		1854^{o}.167
B.A.C. 1573	4 59	125 41	314 ^o .57	4	5	277	2 ^o .62	3	6	5-10	1854 ^o .167
			315 ^o .84	5	6	...	2 ^o .54	3'	6	5'-10'	.197
			316 ^o .34	4	5	...	2 ^o .81	3'	6	5-10'	.208
			Mean result	315 ^o .60	13	16		2 ^o .66	10	18		1854^{o}.191
ζ Orionis	5 33	92 2	151 ^o .24	5	5	365	2 ^o .23	3'	6	2-5'	1854 ^o .162
			151 ^o .43	6	5	...	2 ^o .14	4	6	...	.165
			151 ^o .32	5	6	...	2 ^o .21	4	6	...	.167
			Mean result	151 ^o .34	16	16		2 ^o .19	11	18		1854^{o}.165
Δ 23	6 1	138 28	352 ^o .63	4	5	277	2 ^o .29	3	6	7-7	1854 ^o .186
			351 ^o .91	5	7	...	2 ^o .28	4	6	...	.222
			Mean result	352 ^o .23	9	12		2 ^o .28	7	12		1854^{o}.206
B.A.C. 3921,2	11 25	118 27	210 ^o .03	7'	6	277	8 ^o .58	4'	8	6-6	1854 ^o .204
			210 ^o .05	7	5	...	8 ^o .77	4	6	...	.206
			Mean result	210 ^o .04	14	11		8 ^o .67	8	14		1854^{o}.205
α Centauri	14 30	150 13	279 ^o .19	7	6	277	4 ^o .14	4'	8	1-1'	1854 ^o .234
			278 ^o .91	6	6	...	4 ^o .19	3'	6	...	.272
			Mean result	279 ^o .06	13	12		4 ^o .16	8	14		1854^{o}.252
α Scorpii	16 20	116 6	274 ^o .00	5'	5	365	3 ^o .03	3'	6	1'-8'	1854 ^o .237
			273 ^o .26	4'	5	277	2 ^o .93	2'	6	...	.254
			Mean result	273 ^o .67	10	10		2 ^o .99	6	12		1854^{o}.245
α Herculis	17 8	75 26	118 ^o .25	7'	7	365	4 ^o .50	3'	6	3'-5'	1854 ^o .256
			118 ^o .34	7	6	...	4 ^o .50	3'	6	...	.259
			118 ^o .25	5'	5	...	4 ^o .52	3	6	...	.271
			Mean result	118 ^o .28	20	18		4 ^o .506	10	18		1854^{o}.261
70 Ophiuchi	17 58	87 27	113 ^o .24	6'	5	365	6 ^o .52	3'	6	...	1854 ^o .237
			112 ^o .84	7'	6	...	6 ^o .51	3'	6	...	.246
			Mean result	113 ^o .03	14	11		6 ^o .51	7	12		1854^{o}.231
γ Cor. Aust.	18 56	127 16	355 ^o .07	2'	4	277	...	...	...	5'-5'	1854 ^o .251
			356 ^o .29	5'	5	365	1 ^o .74	2'	6	...	.251
			356 ^o .53	5'	6	...	1 ^o .69	4'	8	...	.251
			Mean result	356 ^o .16	13	15		1 ^o .71	7	14		1854^{o}.25