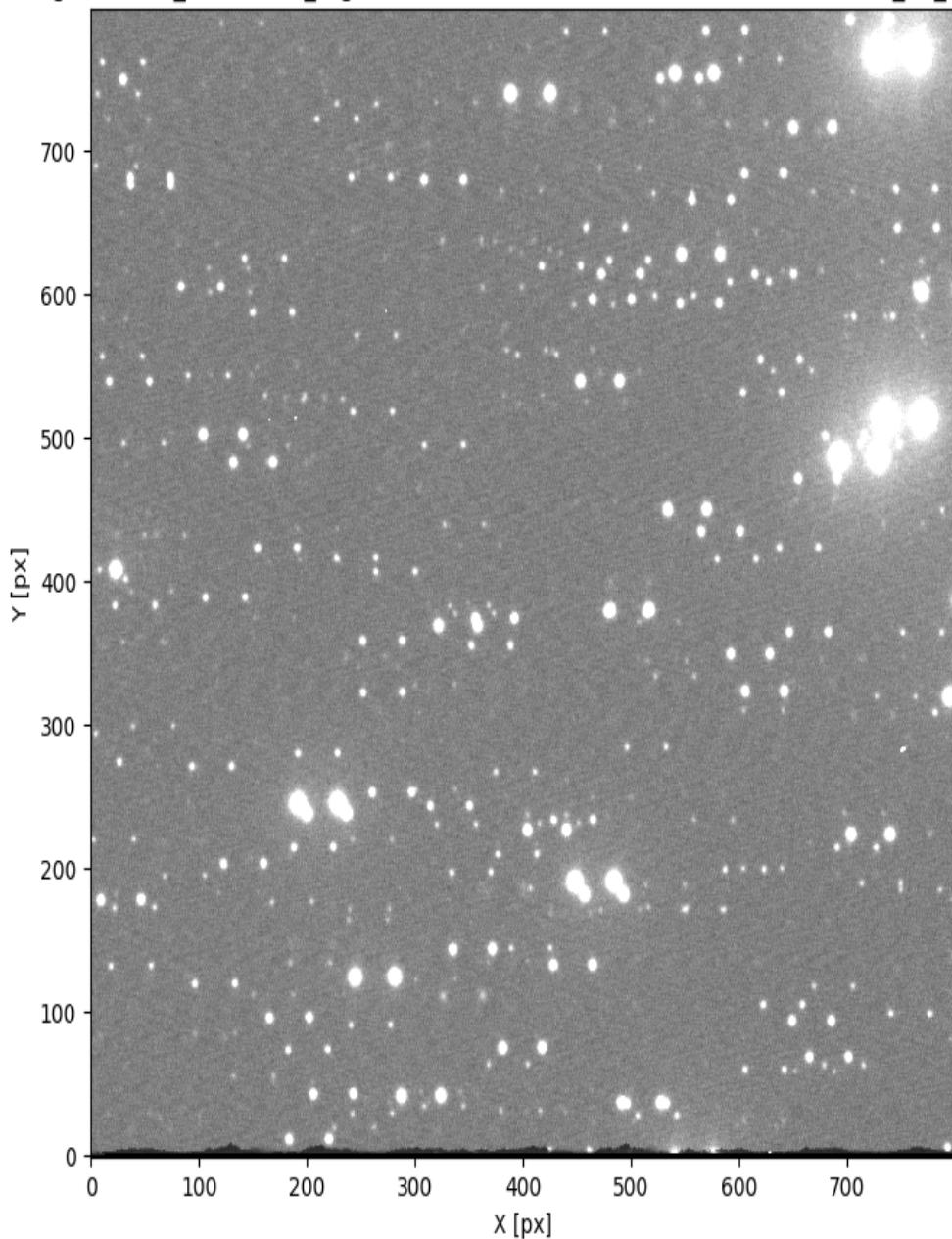
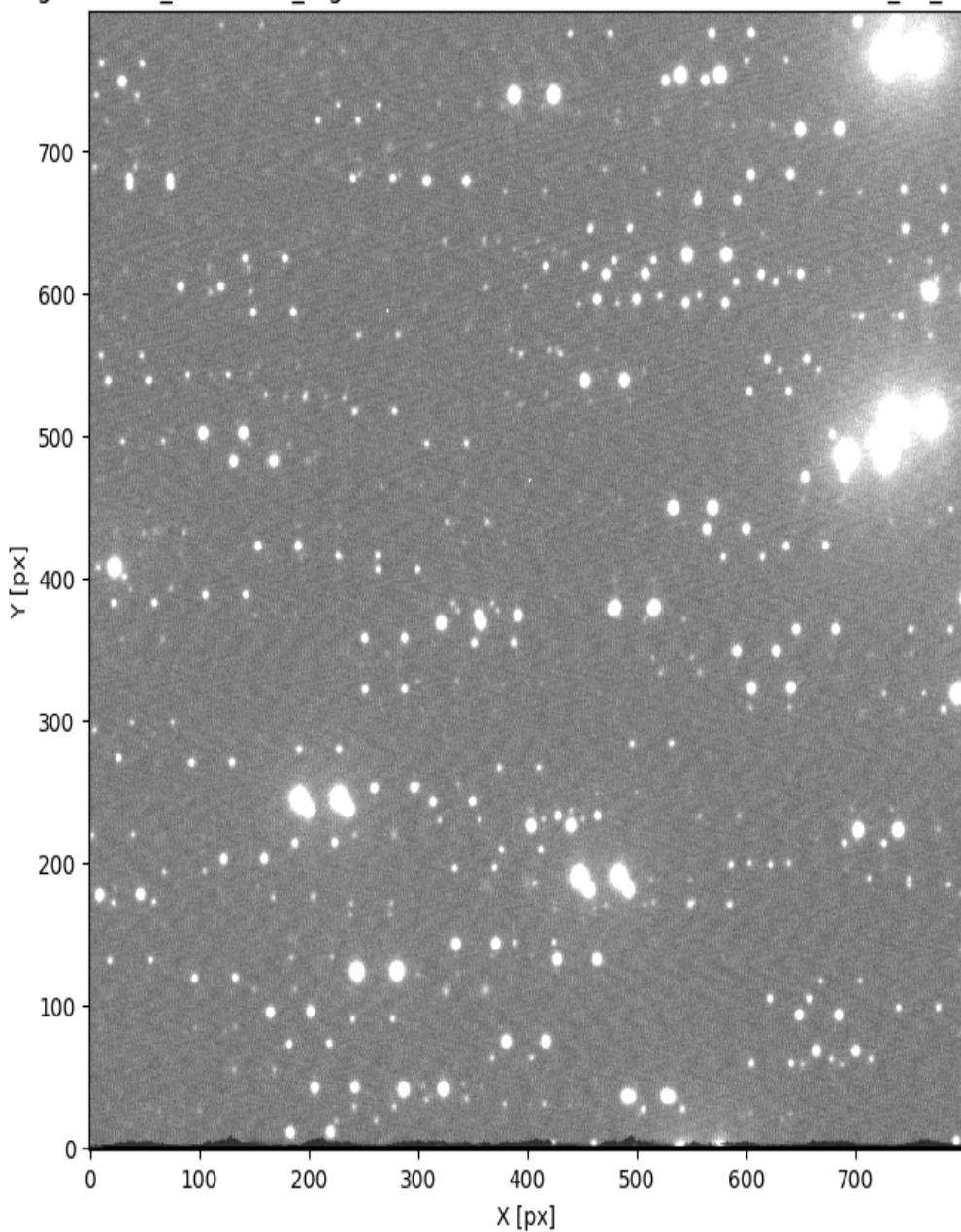


1. Imágenes originales

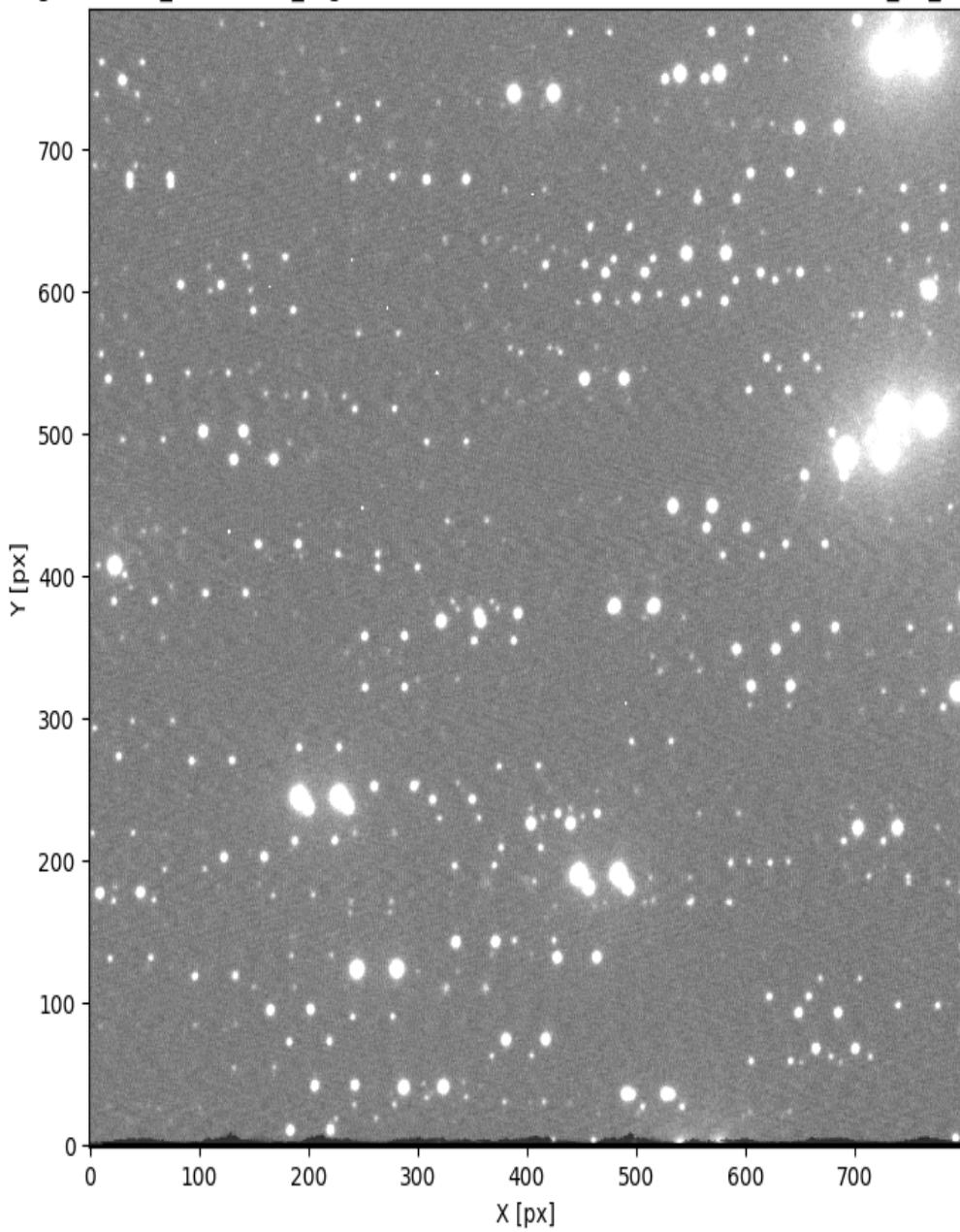
Reference Image noche1_20230720_organize/1H1936+541/BessellR/caf-20230721-00_43_08-sci-blap_b_f.fits



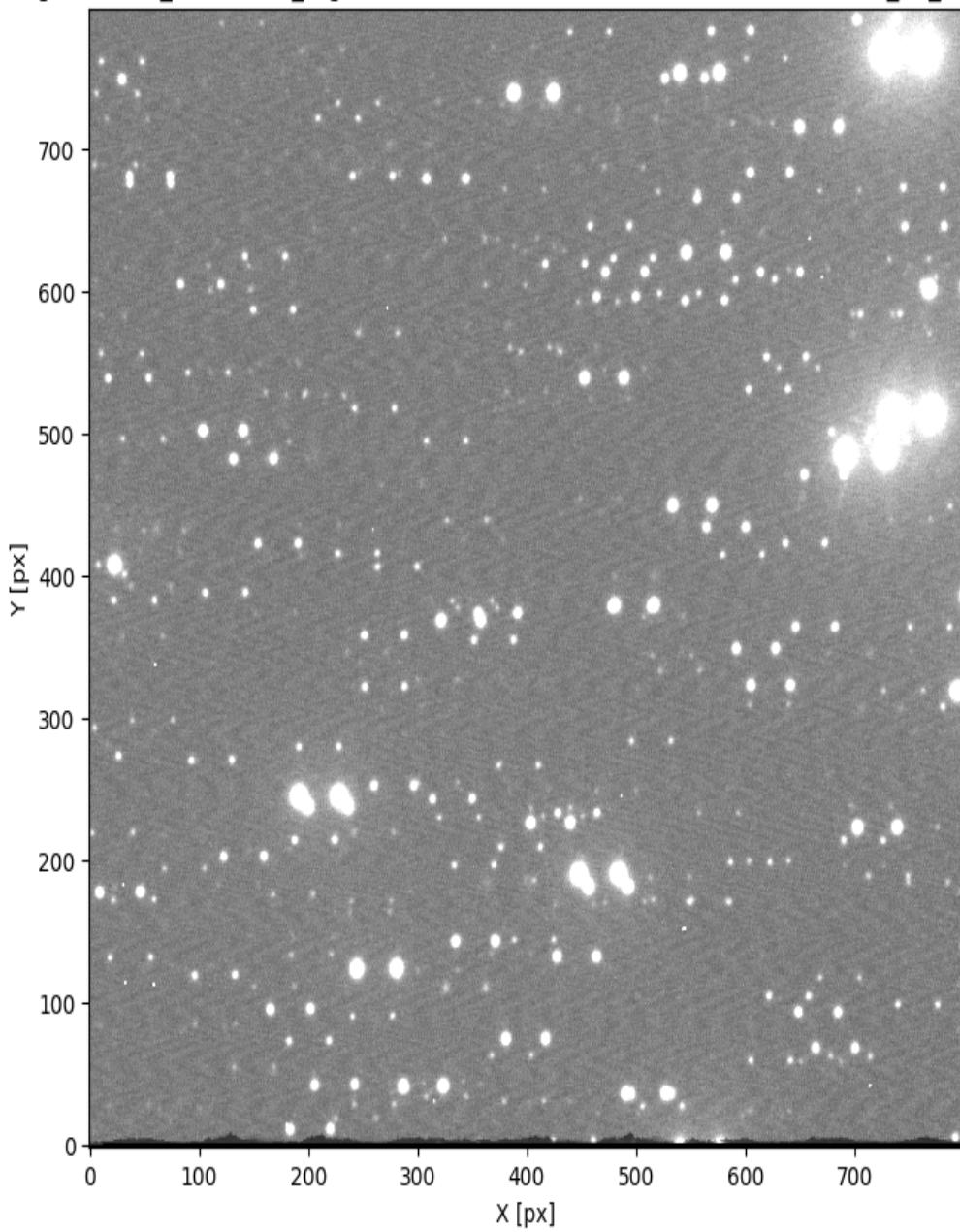
Original Image noche1_20230720_organize/1H1936+541/BesselR/caf-20230721-00_44_17-sci-blap_b_f.fits



Original Image noche1_20230720_organize/1H1936+541/BessellR/caf-20230721-00_45_26-sci-blap_b_f.fits

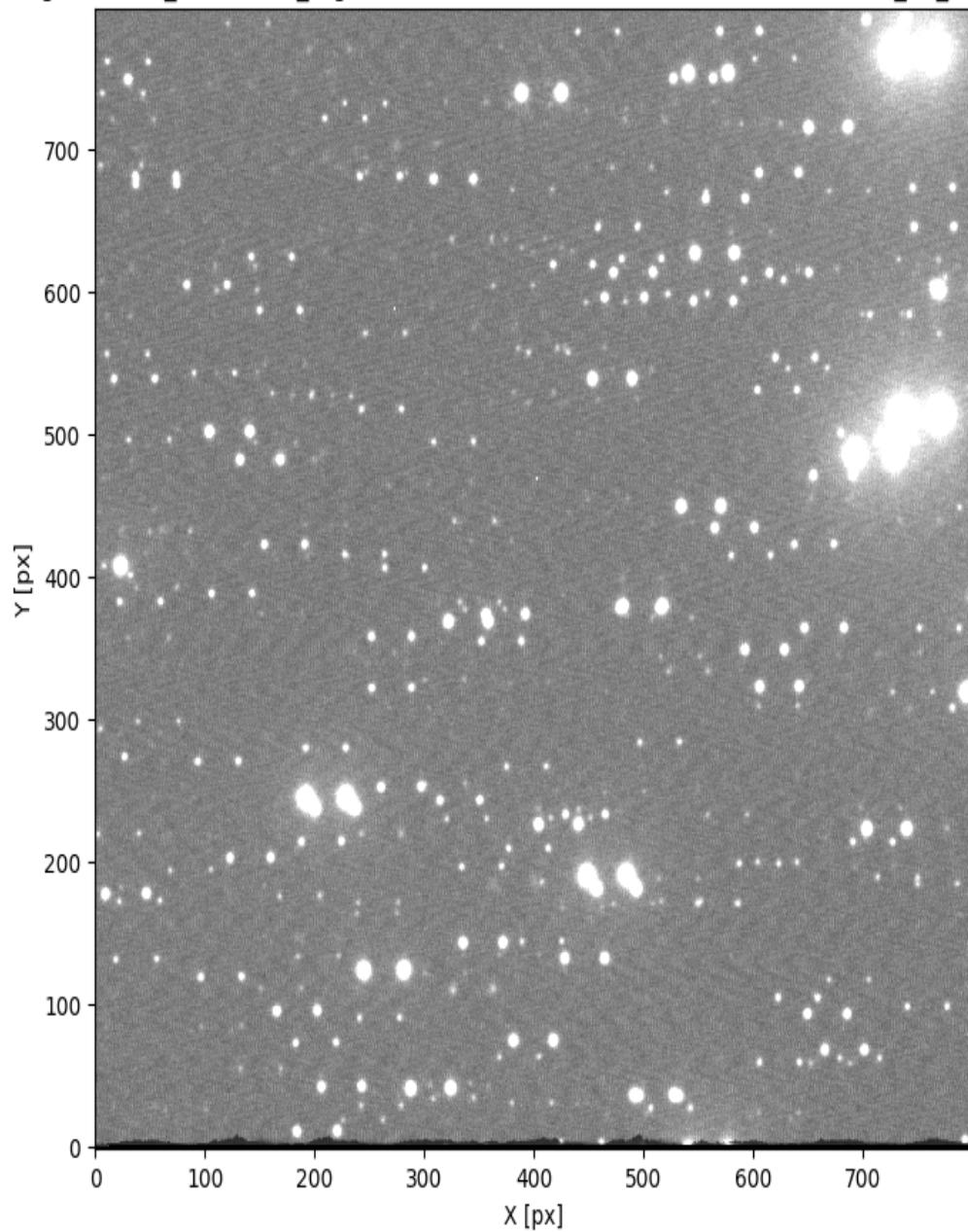


Original Image noche1_20230720_organize/1H1936+541/BesselR/caf-20230721-00_46_35-sci-blap_b_f.fits

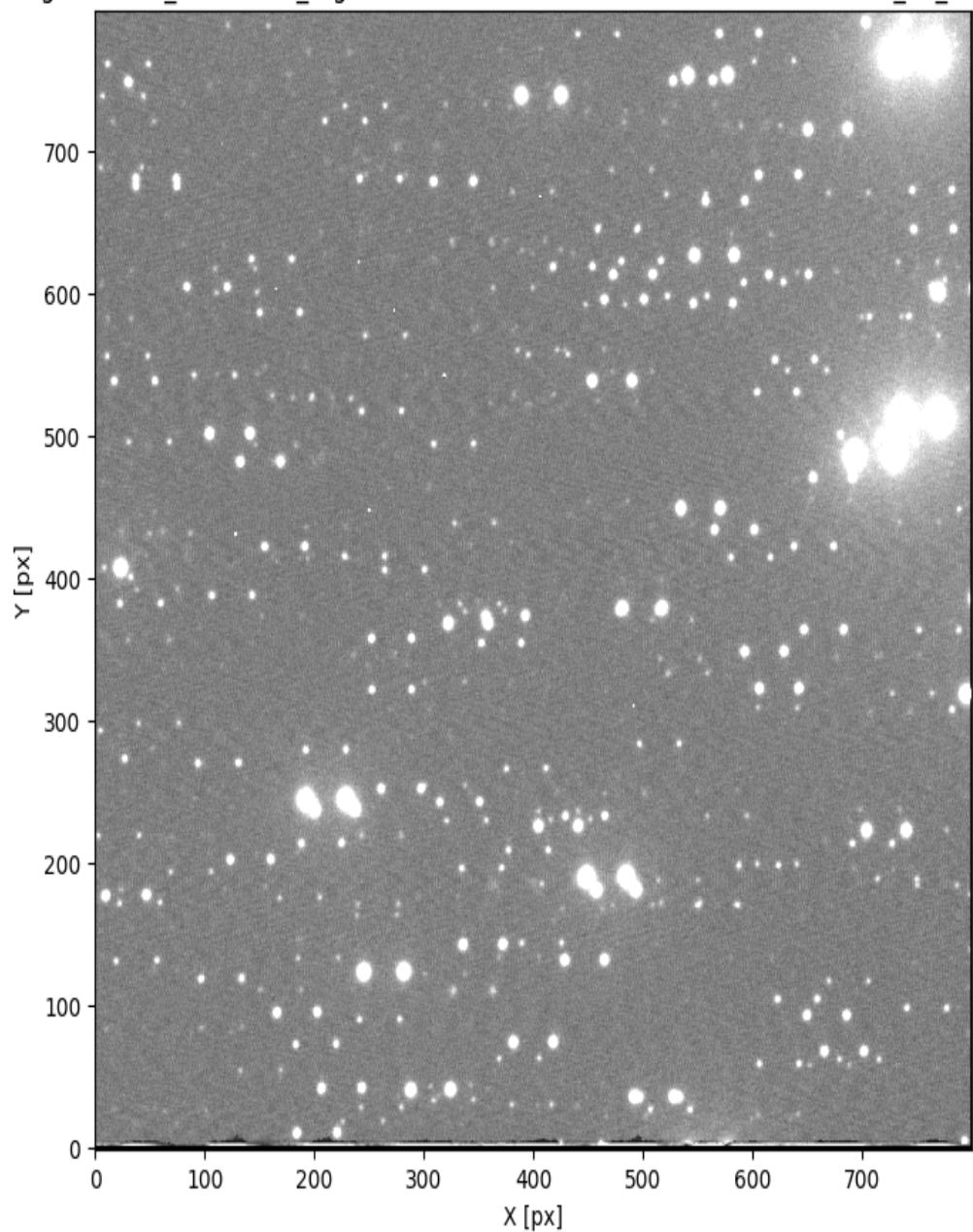


2. Imágenes alineadas

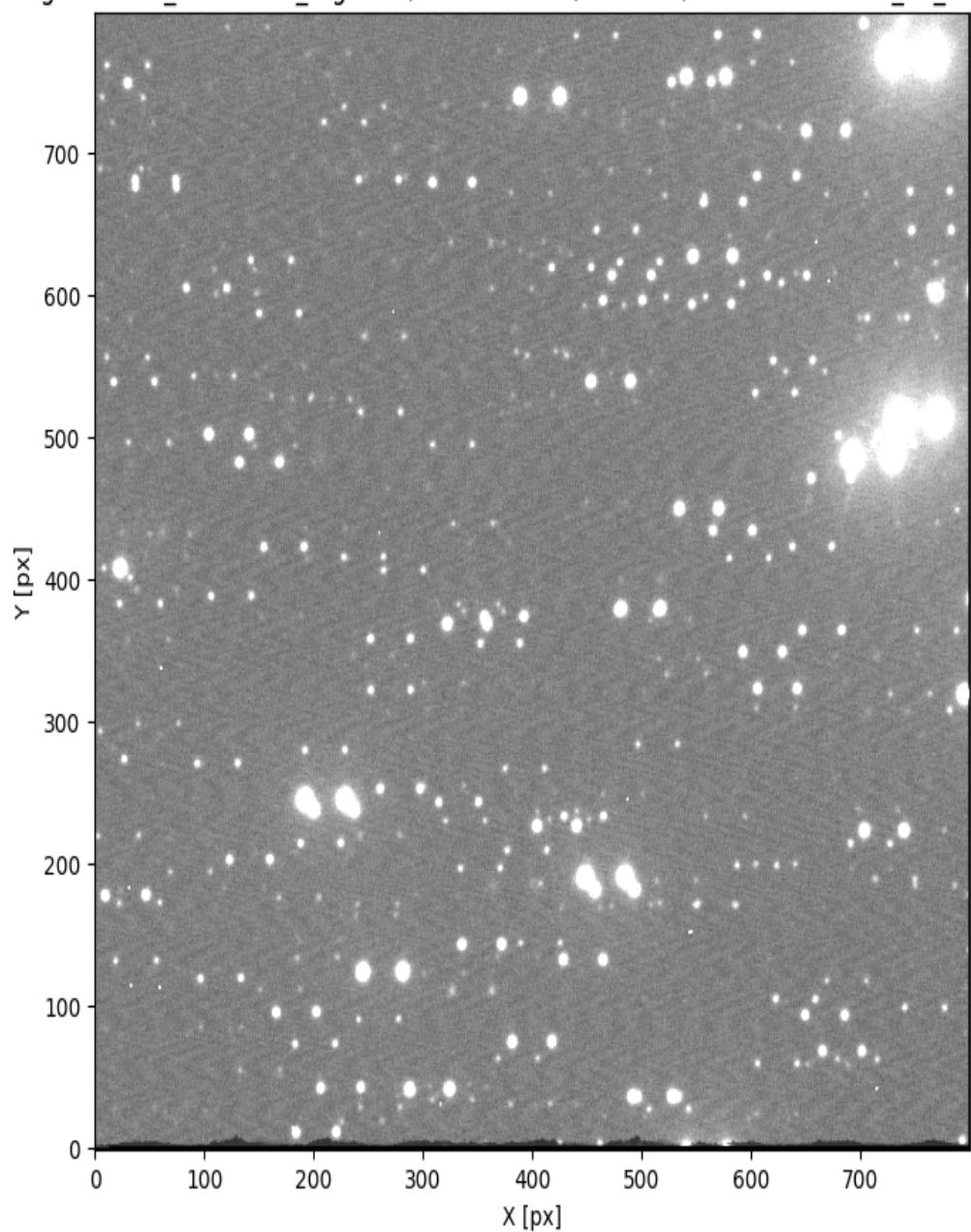
Aligned Image noche1_20230720_organize/1H1936+541/BessellR/caf-20230721-00_44_17-sci-blap_b_f.fits



Aligned Image noche1_20230720_organize/1H1936+541/BessellR/caf-20230721-00_45_26-sci-blap_b_f.fits

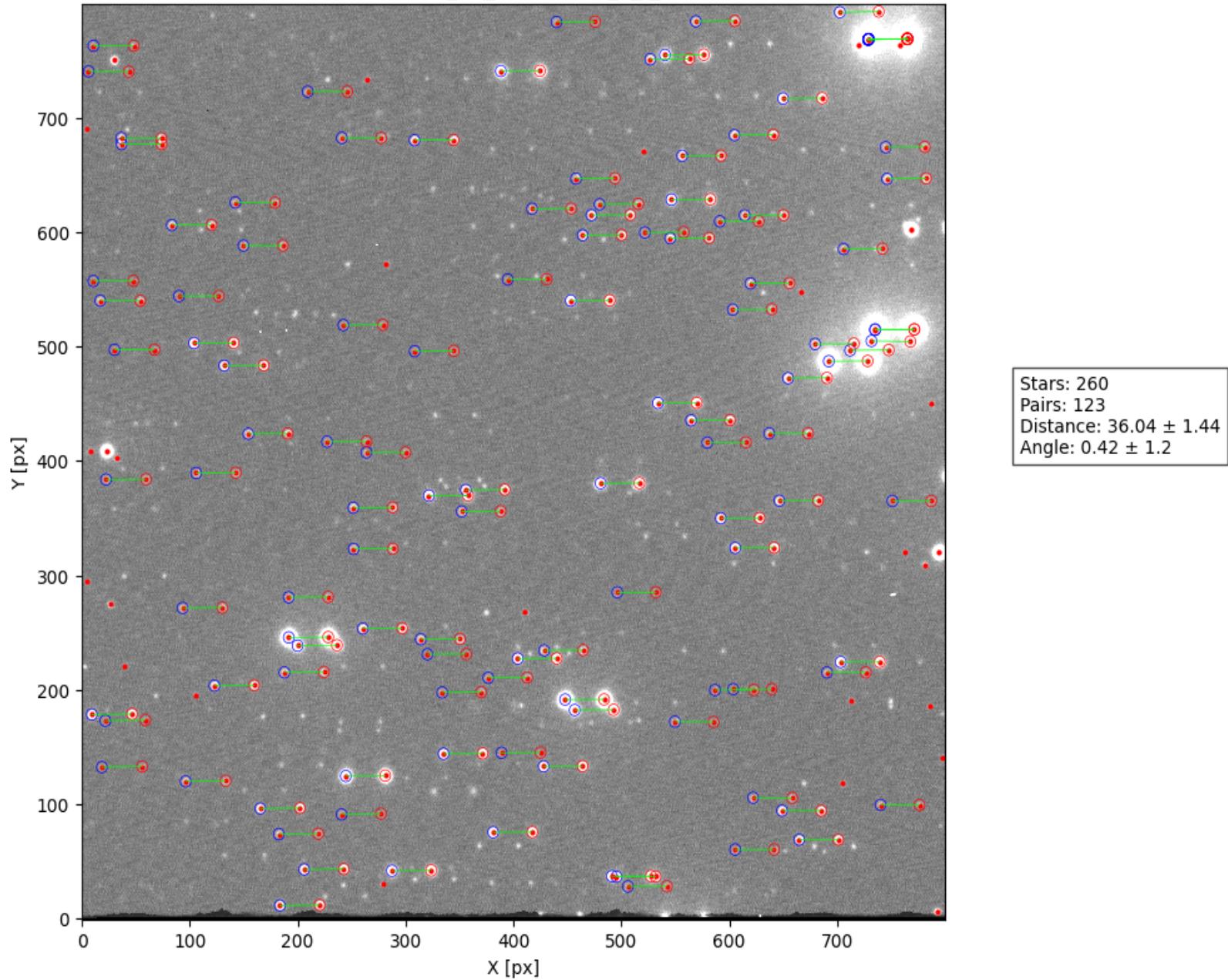


Aligned Image noche1_20230720_organize/1H1936+541/BesselR/caf-20230721-00_46_35-sci-blap_b_f.fits

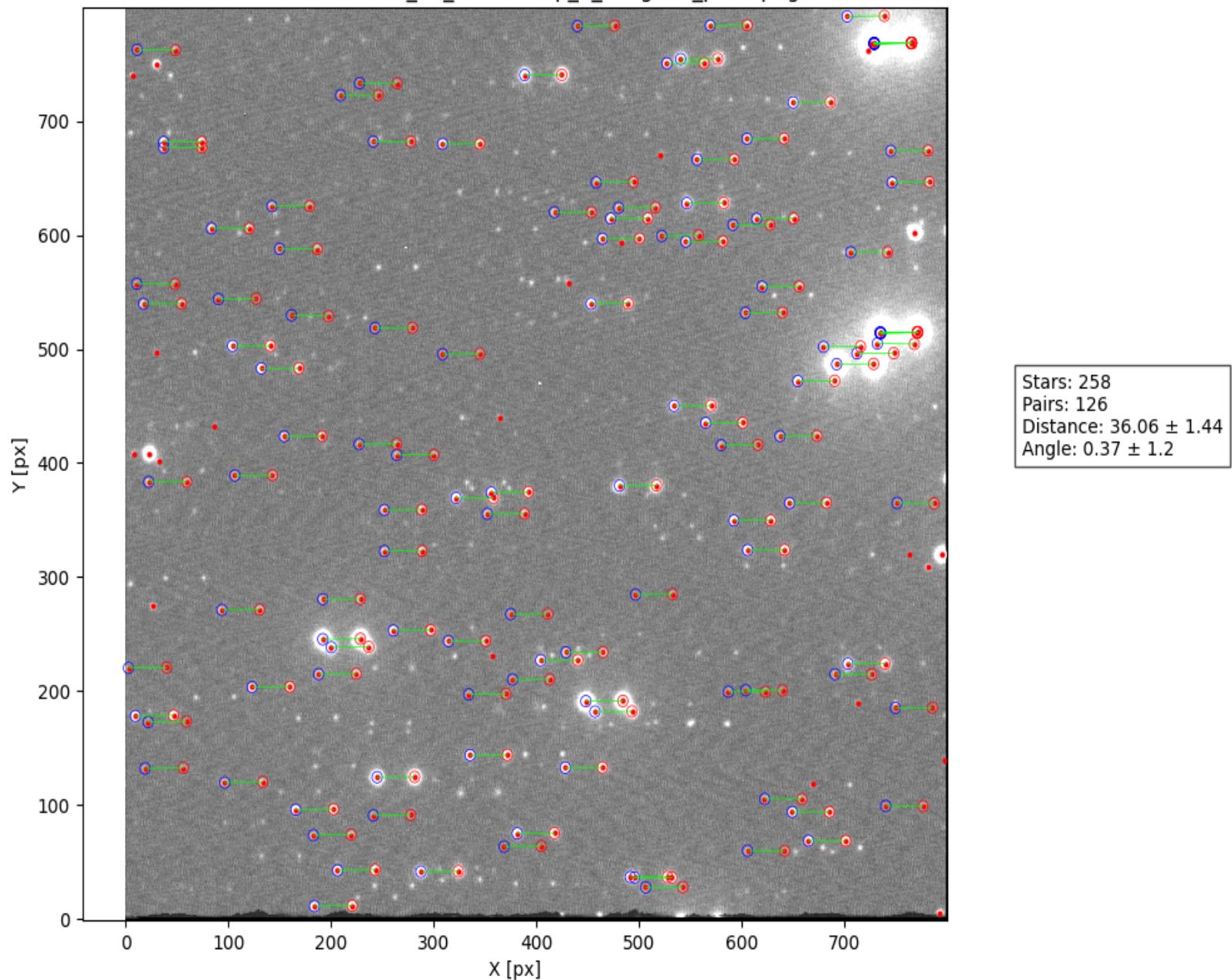


3. Imágenes con pares identificados

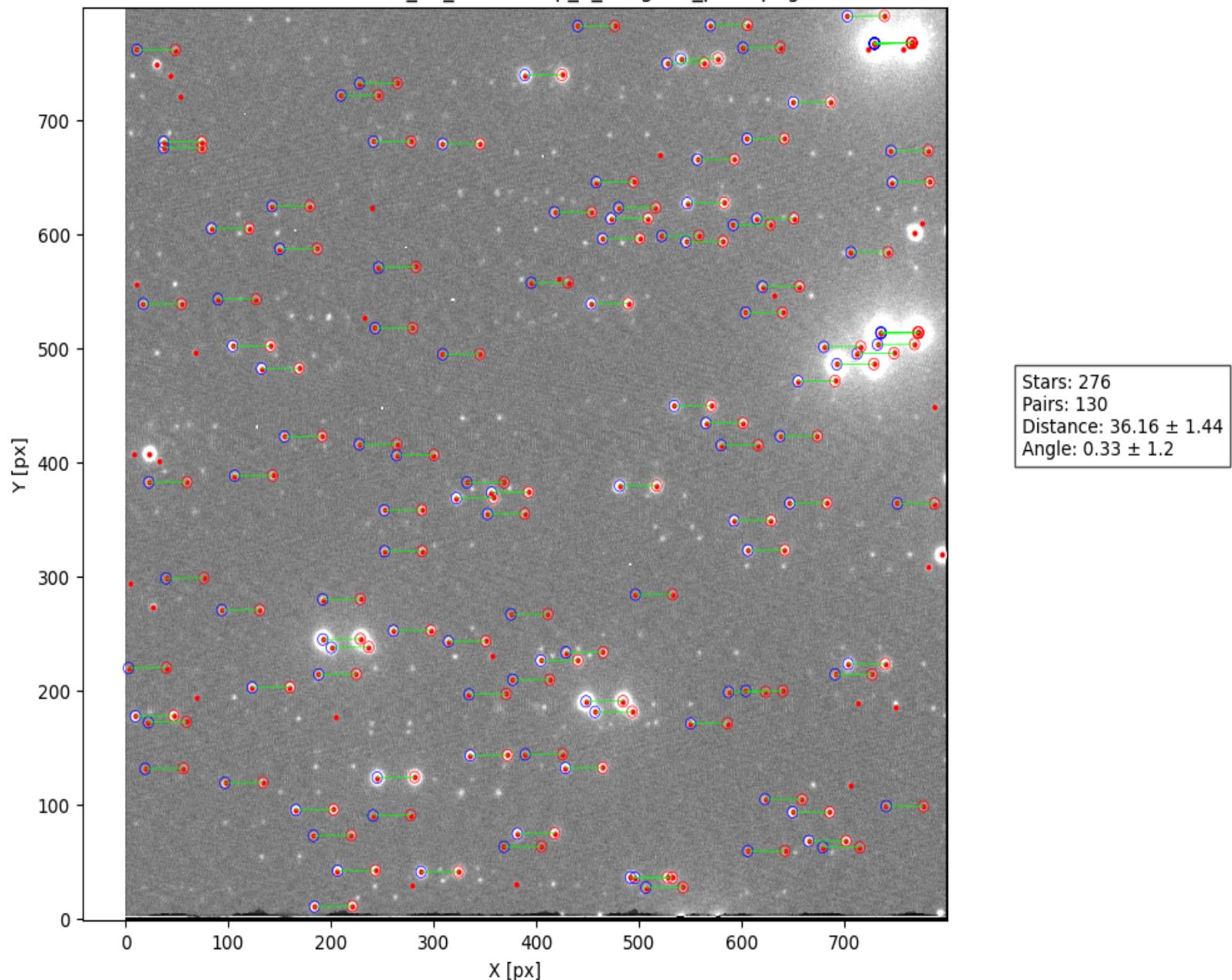
caf-20230721-00_43_08-sci-blap_b_f_pairs.png



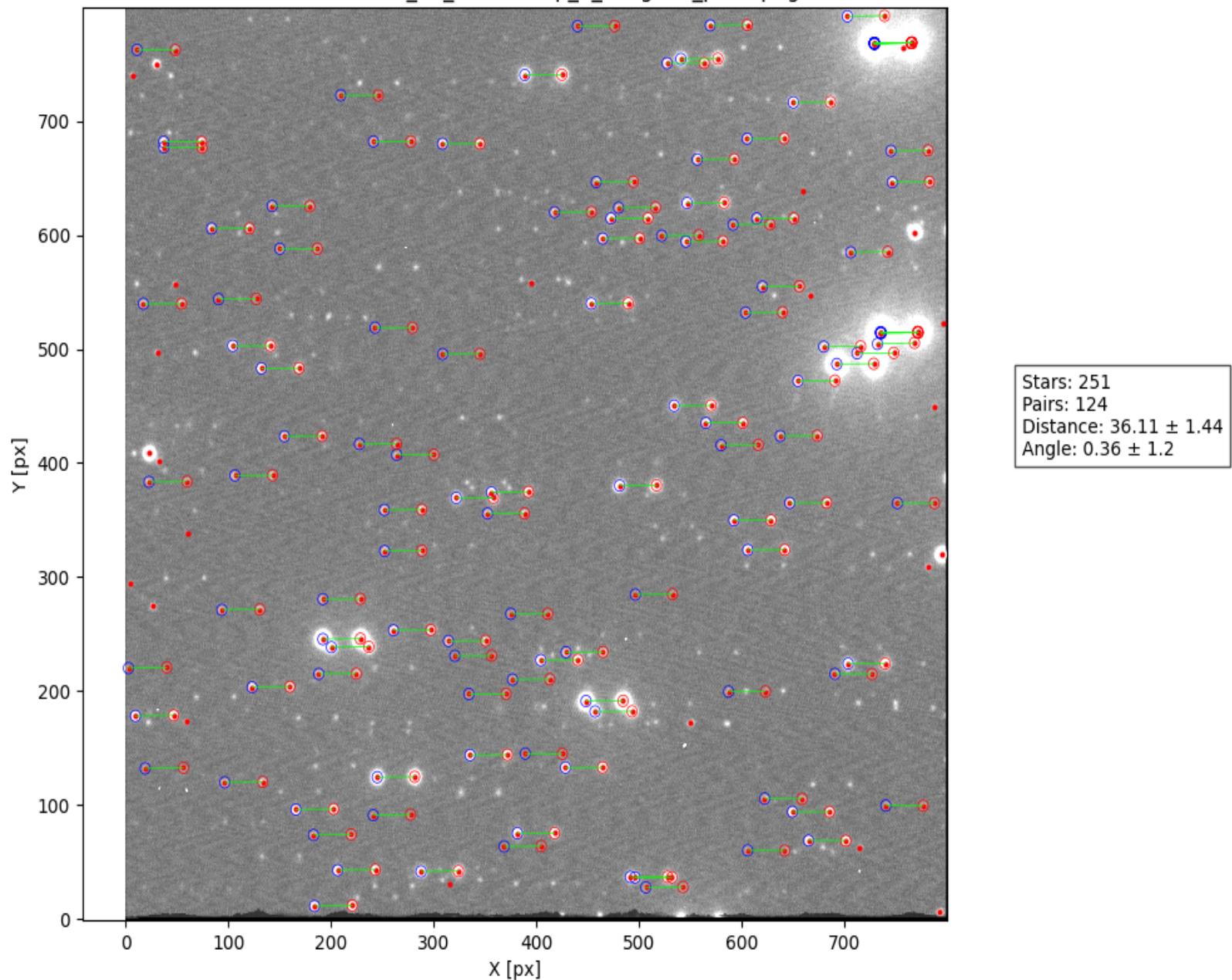
caf-20230721-00_44_17-sci-blap_b_f-aligned_pairs.png



caf-20230721-00_45_26-sci-blap_b_f-aligned_pairs.png

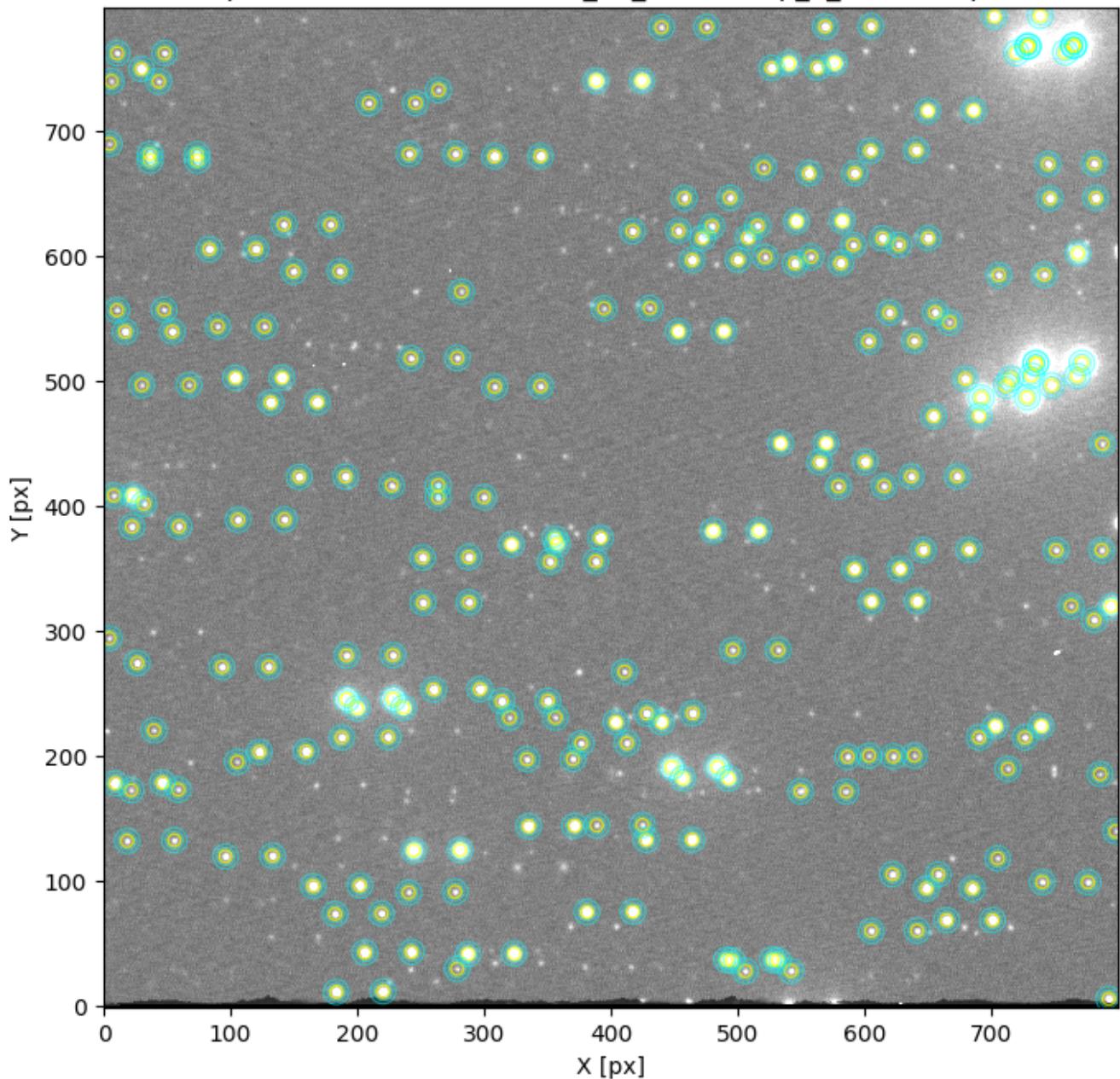


caf-20230721-00_46_35-sci-blap_b_f-aligned_pairs.png

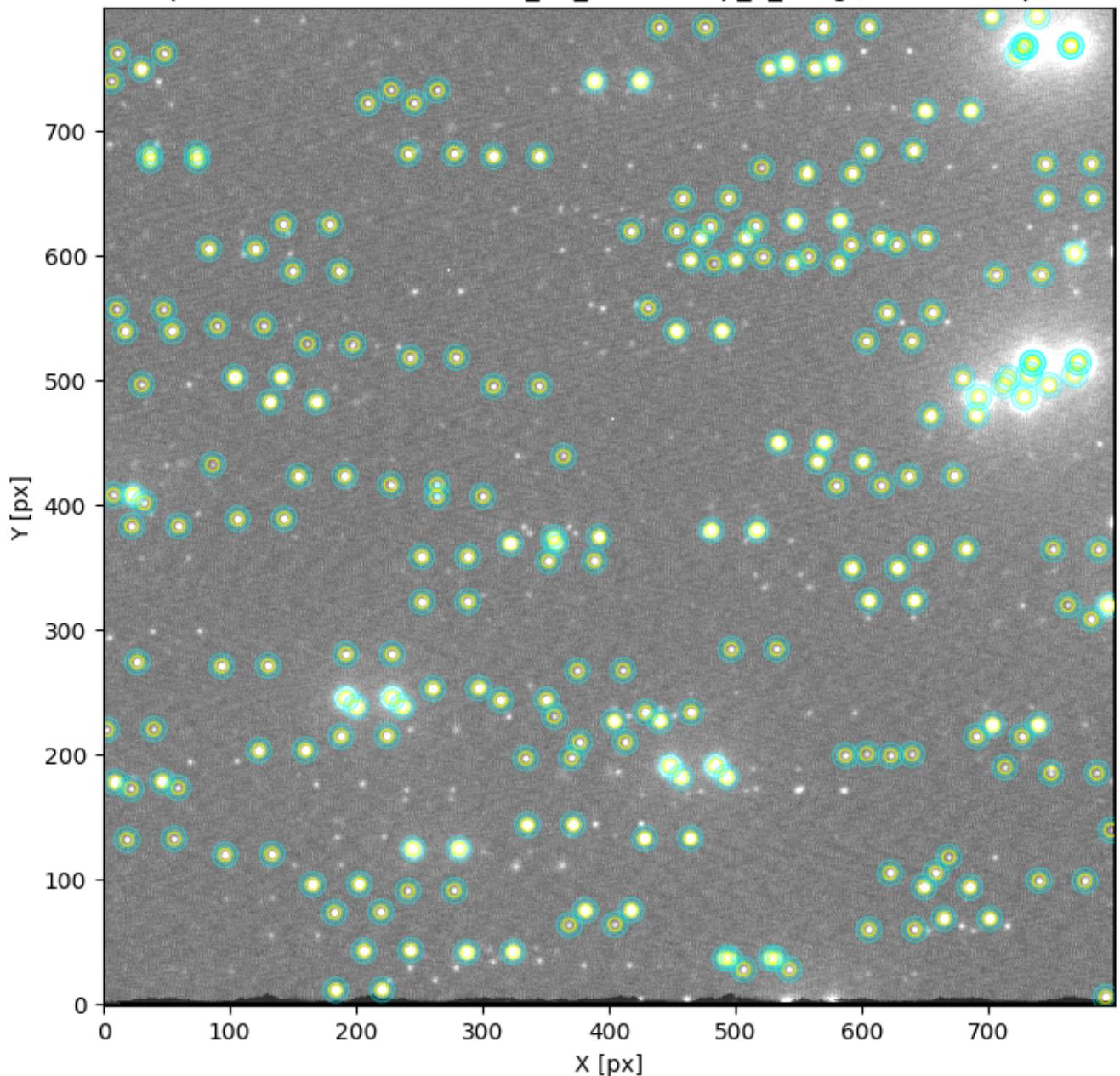


4. Fotometría — Aperturas

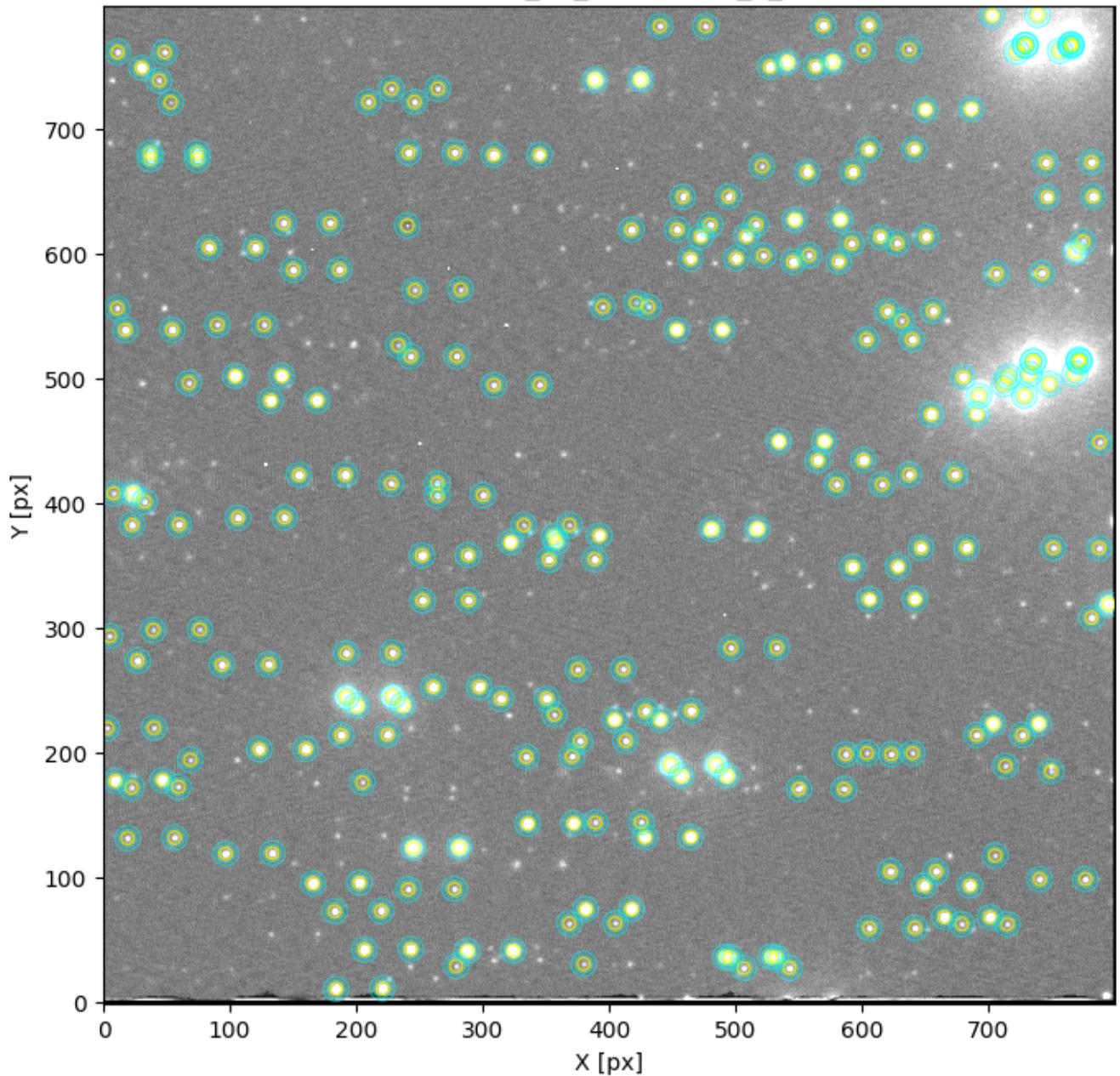
Apertures caf-20230721-00_43_08-sci-blap_b_f.fits ($r=5\text{px}$)



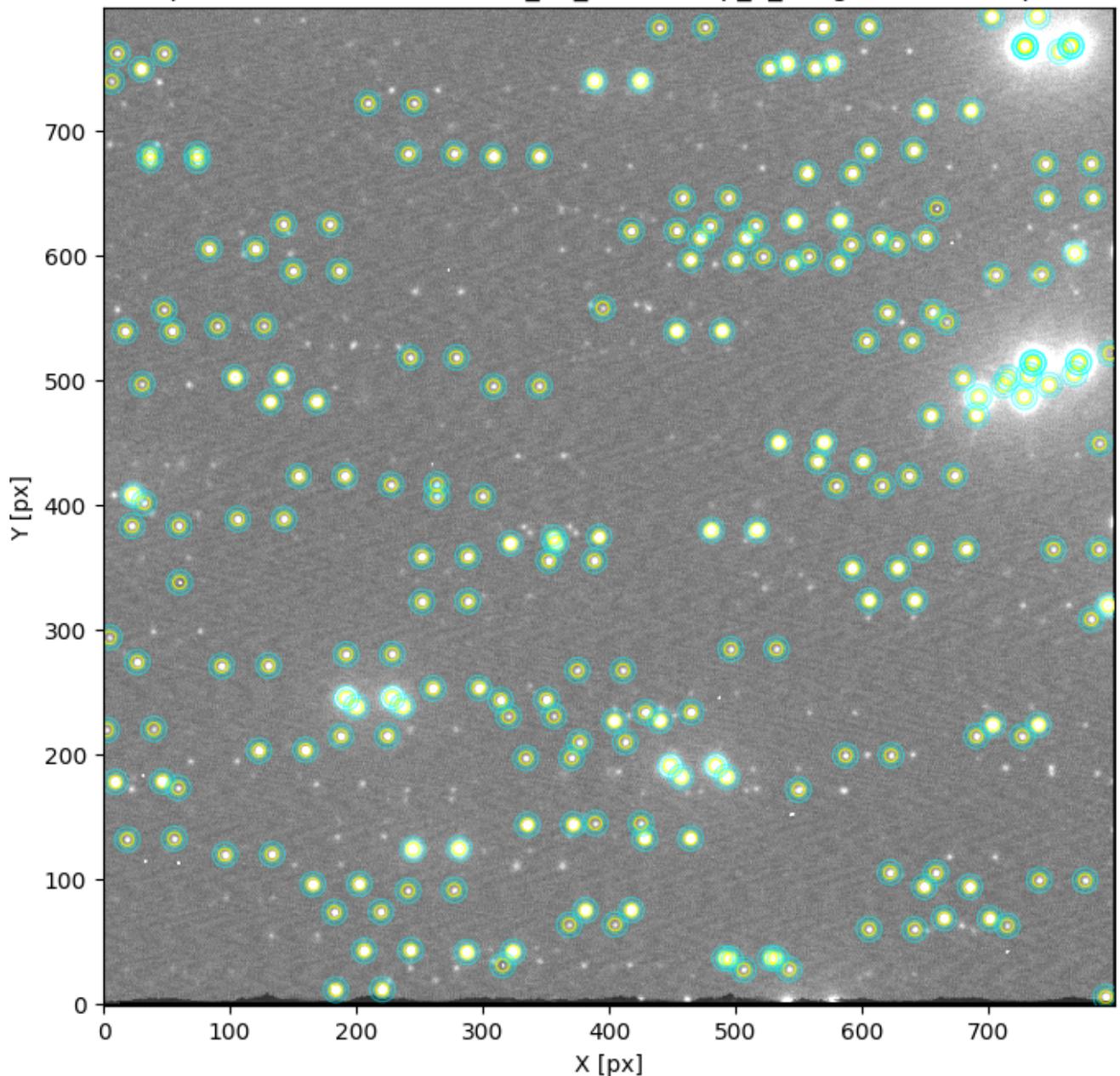
Apertures caf-20230721-00_44_17-sci-blap_b_f-aligned.fits (r=5px)



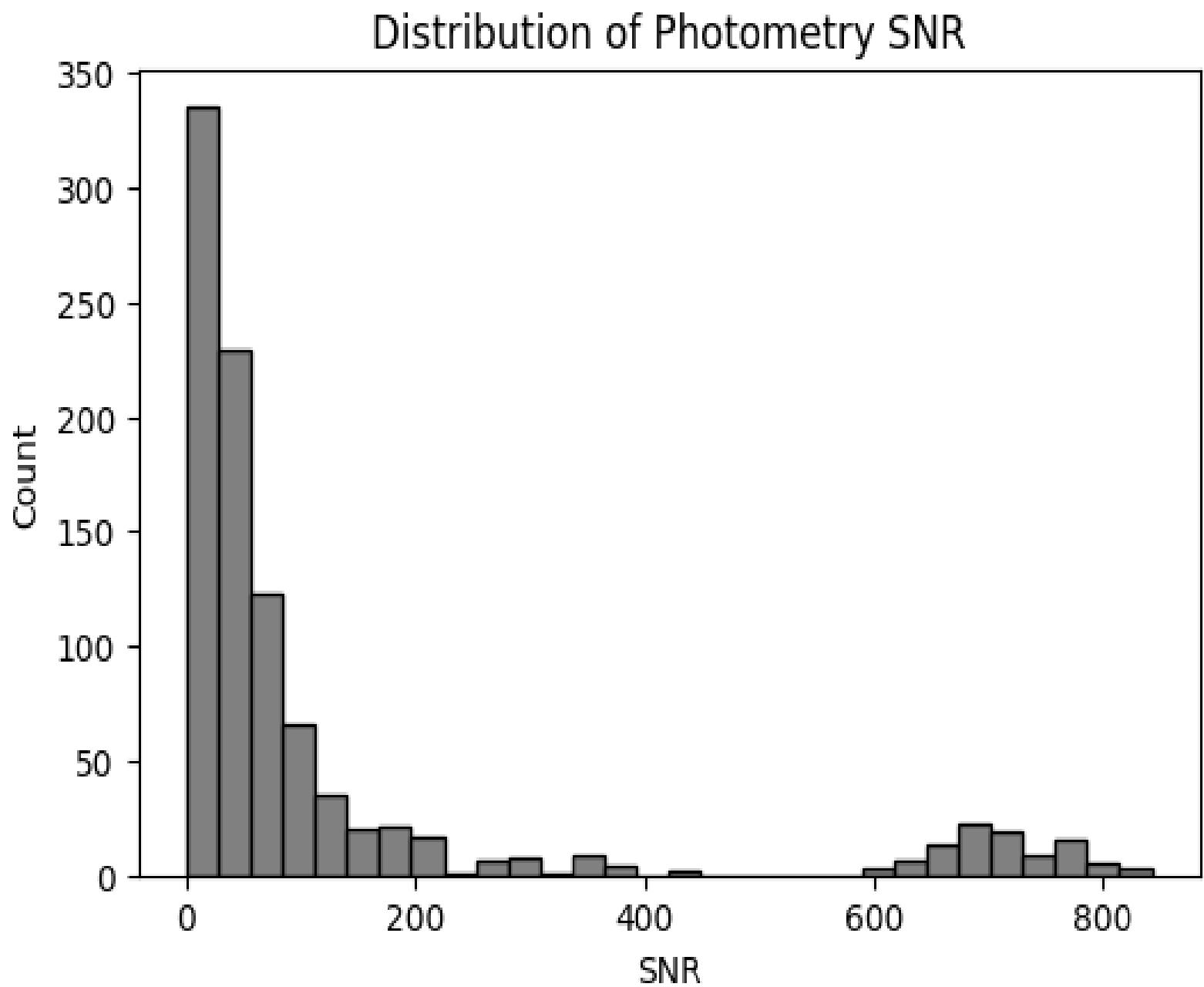
Apertures caf-20230721-00_45_26-sci-blap_b_f-aligned.fits (r=5px)



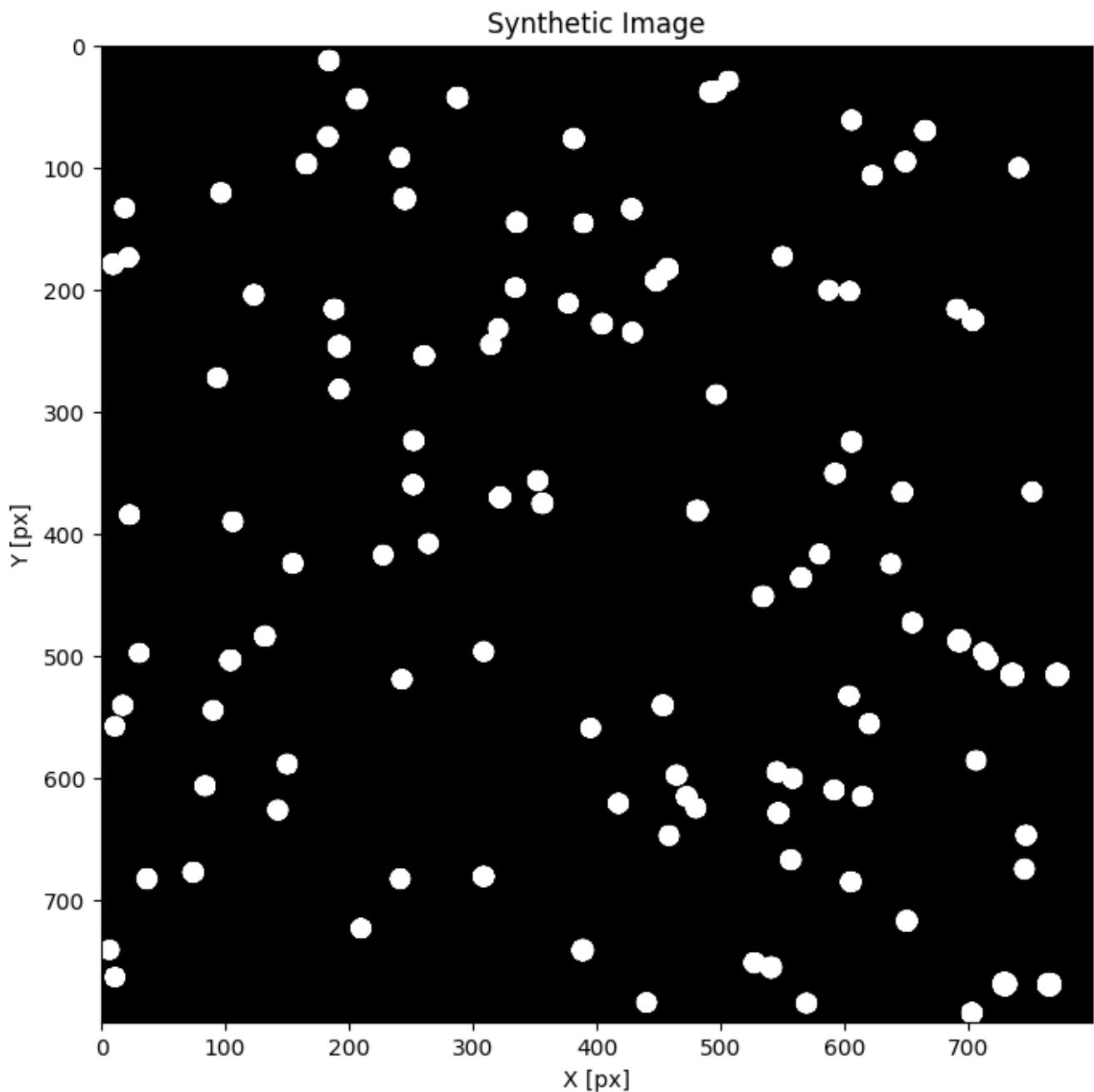
Apertures caf-20230721-00_46_35-sci-blap_b_f-aligned.fits (r=5px)



4. Fotometría — Histograma de SNR



5. Astrometría — Imagen sintética



5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
0	294.354308	54.210789	No_ID	
1	294.361305	54.257751	TYC 3934-44-1	Star
2	294.363412	54.255533	TYC 3934-44-1	Star
3	294.363337	54.256168	TYC 3934-44-1	Star
4	294.362786	54.225772	No_ID	
5	294.362368	54.213905	No_ID	
6	294.370214	54.272084	No_ID	
7	294.372886	54.280708	No_ID	
8	294.369838	54.210323	No_ID	
9	294.372008	54.239268	No_ID	
10	294.374634	54.218703	No_ID	
11	294.379084	54.278255	No_ID	
12	294.375257	54.207694	No_ID	
13	294.381146	54.291566	No_ID	
14	294.381662	54.274278	No_ID	
15	294.380552	54.197486	No_ID	
16	294.383041	54.219107	No_ID	
17	294.382960	54.186108	No_ID	
18	294.386784	54.245785	No_ID	
19	294.388689	54.232199	No_ID	
20	294.389369	54.240035	No_ID	
21	294.397592	54.263350	No_ID	
22	294.393092	54.186357	No_ID	
23	294.394341	54.184494	No_ID	
24	294.399307	54.249741	No_ID	
25	294.401514	54.248401	No_ID	
26	294.402039	54.231740	LSPM J1937+5413	HighPM*
27	294.404825	54.268621	No_ID	
28	294.405188	54.271086	No_ID	
29	294.401630	54.200926	No_ID	
30	294.405629	54.237897	LSPM J1937+5413	HighPM*
31	294.405088	54.210321	No_ID	
32	294.409597	54.283690	No_ID	

33	294.411999	54.285510	No_ID	
34	294.410062	54.241793	No_ID	
35	294.410245	54.229559	LSPM J1937+5413	HighPM*
36	294.412049	54.245332	No_ID	
38	294.413457	54.228590	LSPM J1937+5413	HighPM*
39	294.412749	54.210744	No_ID	
40	294.415299	54.220704	LSPM J1937+5413	HighPM*
41	294.418292	54.196264	No_ID	
42	294.421501	54.210546	No_ID	
43	294.425343	54.254948	No_ID	
44	294.432586	54.219100	No_ID	
45	294.436023	54.270690	No_ID	
46	294.442381	54.268599	No_ID	
47	294.441664	54.233522	No_ID	
48	294.441572	54.218857	No_ID	
49	294.446712	54.276441	No_ID	
50	294.447603	54.291751	No_ID	
51	294.444832	54.229018	No_ID	
52	294.446381	54.233986	1H 1936+541	Star
53	294.448999	54.252182	No_ID	
54	294.445658	54.185312	No_ID	
55	294.447806	54.197463	No_ID	
56	294.453738	54.220365	No_ID	
57	294.458798	54.266410	No_ID	
58	294.455752	54.215000	No_ID	
59	294.456807	54.204322	No_ID	
60	294.461315	54.274754	No_ID	
61	294.463507	54.264125	No_ID	
62	294.467013	54.259553	No_ID	
63	294.473535	54.277044	TYC 3934-86-1	Star
64	294.471486	54.200718	No_ID	
65	294.477604	54.282479	TYC 3934-86-1	Star
66	294.476248	54.226408	No_ID	
67	294.473997	54.185836	No_ID	
68	294.480163	54.285304	TYC 3934-86-1	Star

69	294.481665	54.285781	TYC 3934-10-1	Star
70	294.476147	54.196540	No_ID	
72	294.484961	54.288604	TYC 3934-10-1	Star
73	294.485288	54.293900	TYC 3934-10-1	Star
74	294.481335	54.216647	No_ID	
75	294.488058	54.269243	No_ID	
76	294.484575	54.183672	No_ID	
77	294.488640	54.247275	ZTF J193800.80+541455.5	EclBin
78	294.486269	54.194287	No_ID	
79	294.493936	54.271509	No_ID	
80	294.488804	54.182644	No_ID	
81	294.492721	54.238648	No_ID	
82	294.502281	54.283945	No_ID	
83	294.497825	54.202760	No_ID	
84	294.503136	54.260430	ZTF J193802.85+541538.0	BYDraV*
85	294.503026	54.248566	ZTF J193800.80+541455.5	EclBin
86	294.504564	54.262229	ZTF J193802.85+541538.0	BYDraV*
87	294.501678	54.192982	No_ID	
88	294.507249	54.267065	ZTF J193802.85+541538.0	BYDraV*
89	294.507510	54.249654	ZTF J193800.80+541455.5	EclBin
90	294.508794	54.270385	ZTF J193802.85+541538.0	BYDraV*
91	294.508376	54.241586	ZTF J193800.80+541455.5	EclBin
92	294.509927	54.250700	ZTF J193800.80+541455.5	EclBin
93	294.507173	54.201449	No_ID	
94	294.511571	54.260403	ZTF J193802.85+541538.0	BYDraV*
95	294.515362	54.247396	ZTF J193800.80+541455.5	EclBin
96	294.518004	54.289495	No_ID	
97	294.521248	54.261643	ZTF J193802.85+541538.0	BYDraV*
98	294.524906	54.289151	No_ID	
99	294.519285	54.191211	NVSS J193805+541052	Radio
100	294.522339	54.225368	No_ID	
101	294.520264	54.185730	NVSS J193805+541052	Radio
102	294.522195	54.215534	No_ID	
103	294.526232	54.268623	No_ID	
104	294.534672	54.275034	No_ID	

105	294.532046	54.210690	No_ID	
106	294.534540	54.180983	NVSS J193805+541052	Radio
107	294.538215	54.236715	1RXS J193806.2+541407	X
108	294.542097	54.256866	No_ID	
109	294.543175	54.258826	No_ID	
110	294.540182	54.181519	NVSS J193805+541052	Radio
111	294.548367	54.286283	TYC 3934-540-1	Star
112	294.548367	54.286283	TYC 3934-540-1	Star
113	294.548367	54.286283	TYC 3934-540-1	Star
114	294.548853	54.291585	TYC 3934-540-1	Star
115	294.548853	54.291585	TYC 3934-540-1	Star
116	294.548418	54.286340	TYC 3934-540-1	Star
117	294.548418	54.286340	TYC 3934-540-1	Star
118	294.548804	54.291535	TYC 3934-540-1	Star
119	294.548318	54.286261	TYC 3934-540-1	Star
120	294.549434	54.244001	No_ID	
121	294.550809	54.262841	No_ID	
122	294.554078	54.282294	TYC 3934-540-1	Star

6. Polarimetría — Tabla de parámetros

Par	q (%)	u (%)	P (%)	θ (°)	Error (%)
0	-3.99	1.38	4.22	80.49	0.00
1	-3.54	-6.10	7.05	-60.08	0.01
2	0.81	0.49	0.94	15.55	0.00
3	0.61	0.63	0.88	22.94	0.00
4	1.17	-0.80	1.42	-17.21	0.00
5	0.45	-0.09	0.45	-5.55	0.00
6	0.39	-1.44	1.49	-37.47	0.01
7	0.47	0.53	0.70	24.28	0.00
8	0.17	0.13	0.22	18.58	0.01
9	0.51	0.04	0.51	2.35	0.00
10	5.56	-1.35	5.72	-6.83	0.01
11	1.93	-0.01	1.93	-0.11	0.00
12	0.74	-0.40	0.84	-14.06	0.00
13	-0.10	1.29	1.30	47.19	0.01
14	-1.24	3.25	3.48	55.48	0.01
15	-0.07	-0.50	0.51	-48.78	0.00
16	0.09	-0.44	0.45	-39.47	0.00
17	-2.39	-2.12	3.20	-69.19	0.01
18	0.49	-0.01	0.49	-0.81	0.00
19	1.46	-0.50	1.54	-9.41	0.00
20	-8.91	-6.43	10.99	-72.10	0.01
21	0.20	-1.27	1.29	-40.45	0.01
22	-2.11	-3.65	4.22	-59.97	0.01
23	-0.05	-0.75	0.75	-47.04	0.00
24	0.95	-0.10	0.96	-3.02	0.00
25	0.07	0.03	0.08	11.00	0.00
26	2.19	-2.19	3.10	-22.54	0.01
27	4.25	-4.42	6.13	-23.06	0.01
28	0.49	2.75	2.79	39.95	0.01
29	2.21	-1.12	2.48	-13.45	0.00
30	-0.54	-0.26	0.60	-76.97	0.01
31	-1.13	-1.79	2.12	-61.11	0.00
32	-0.38	3.34	3.36	48.27	0.01

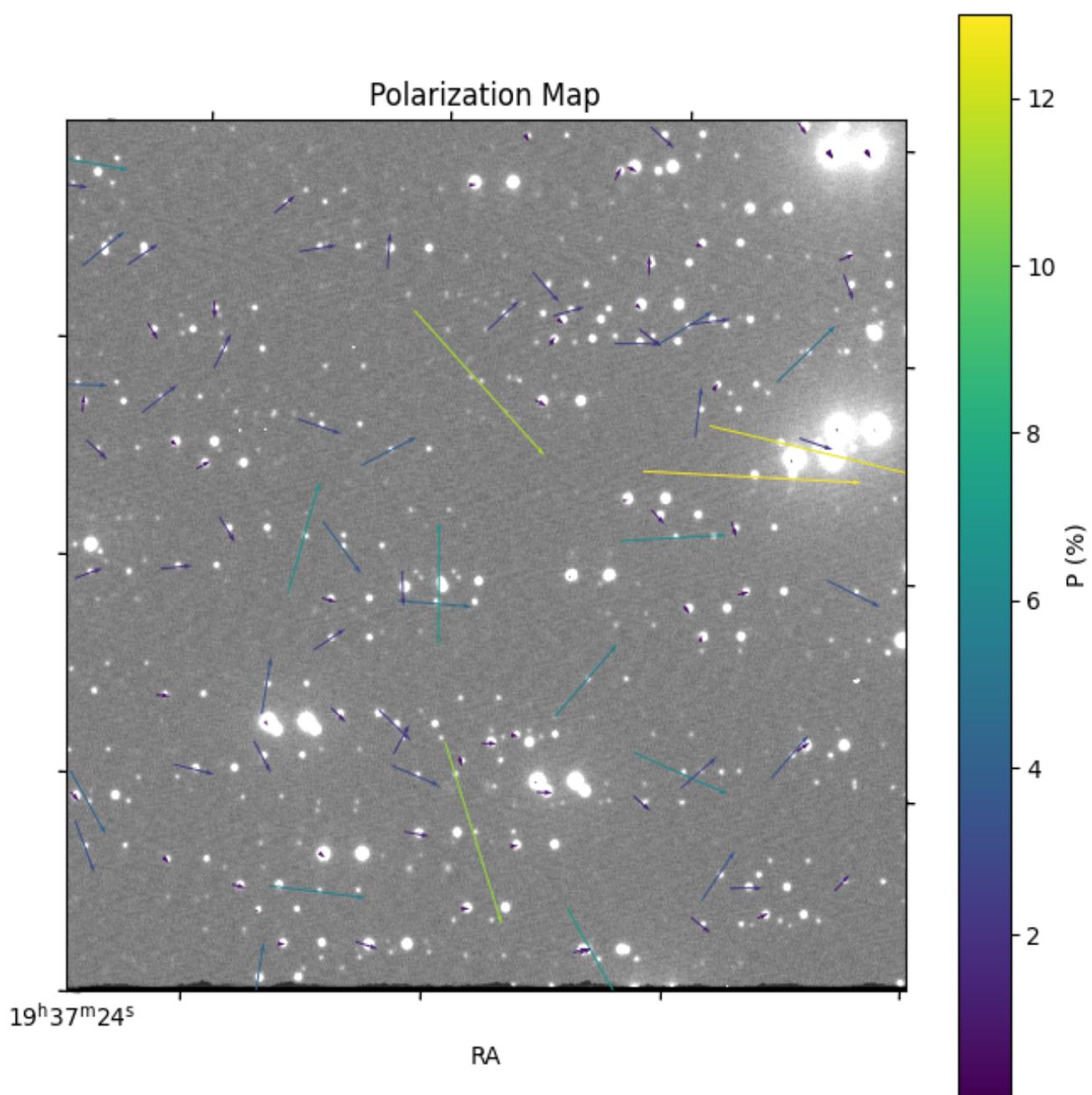
33	0.33	0.83	0.90	34.12	0.00
34	0.93	-0.07	0.93	-2.04	0.00
35	-1.04	1.64	1.94	61.11	0.01
36	0.42	-0.19	0.46	-12.06	0.00
38	0.20	-2.58	2.59	-42.74	0.00
39	-0.08	-0.30	0.31	-52.15	0.00
40	0.07	-1.17	1.17	-43.22	0.00
41	0.80	-0.15	0.82	-5.30	0.00
42	-3.13	1.10	3.32	80.33	0.01
43	-0.63	5.53	5.56	48.26	0.01
44	0.93	2.05	2.25	32.76	0.00
45	-0.42	0.07	0.42	85.51	0.00
46	-0.22	-0.59	0.63	-55.45	0.00
47	4.35	-0.71	4.41	-4.60	0.00
48	0.79	-0.42	0.90	-13.88	0.00
49	0.63	0.32	0.71	13.29	0.00
50	2.19	-2.76	3.52	-25.73	0.01
51	-2.03	-0.12	2.04	-88.25	0.00
52	-6.97	0.07	6.97	89.70	0.00
53	0.01	0.14	0.14	43.01	0.00
54	1.35	1.10	1.74	19.51	0.01
55	1.88	0.37	1.92	5.50	0.00
56	-1.03	-3.65	3.79	-52.89	0.01
57	6.28	0.70	6.32	3.20	0.01
58	-5.59	3.54	6.62	73.81	0.01
59	-0.77	-1.56	1.74	-58.08	0.00
60	-0.75	-0.55	0.93	-71.72	0.00
61	-0.06	-1.15	1.16	-46.40	0.00
62	0.30	0.03	0.30	3.08	0.00
63	12.94	-1.30	13.00	-2.87	0.00
64	0.52	0.80	0.95	28.58	0.00
65	-0.17	0.05	0.18	81.65	0.00
66	2.24	2.90	3.67	26.17	0.01
67	0.17	-1.64	1.65	-42.07	0.01
68	11.28	-5.51	12.55	-13.01	0.01

69	1.67	-1.24	2.07	-18.28	0.01
70	0.09	-0.47	0.48	-39.54	0.00
72	-0.19	-0.07	0.20	-79.84	0.00
73	0.02	-0.12	0.12	-41.02	0.00
74	2.19	-1.61	2.72	-18.16	0.01
75	-2.84	0.74	2.93	82.65	0.01
76	-0.98	0.16	0.99	85.20	0.00
77	0.46	-0.64	0.79	-26.99	0.00
78	0.74	2.57	2.67	37.00	0.01
79	-0.16	0.46	0.48	54.79	0.00
80	3.79	-0.25	3.80	-1.89	0.01
81	-0.81	-11.37	11.39	-47.04	0.01
82	0.38	4.79	4.81	42.72	0.01
83	-1.31	1.81	2.23	62.94	0.01
84	2.76	-0.06	2.77	-0.65	0.00
85	-0.29	0.52	0.59	59.80	0.00
86	0.46	-1.61	1.68	-37.11	0.01
87	-0.48	-1.02	1.13	-57.58	0.00
88	1.84	3.27	3.75	30.34	0.01
89	0.13	-0.47	0.49	-37.44	0.00
90	2.39	0.59	2.46	6.95	0.00
91	0.28	2.56	2.58	41.84	0.00
92	1.67	1.02	1.96	15.67	0.01
93	-1.02	-0.04	1.02	-88.73	0.01
94	-0.00	-0.42	0.42	-45.32	0.00
95	-0.23	-2.37	2.38	-47.83	0.01
96	-1.19	-1.05	1.58	-69.35	0.00
97	-1.10	0.05	1.11	88.62	0.00
98	0.73	0.69	1.00	21.53	0.01
99	0.84	1.98	2.15	33.52	0.00
100	-2.07	0.32	2.09	85.67	0.00
101	0.76	3.09	3.18	38.10	0.00
102	2.12	0.68	2.23	8.88	0.01
103	0.37	-0.26	0.46	-17.76	0.00
104	-0.08	-0.06	0.10	-72.07	0.00

105	0.36	1.57	1.61	38.61	0.01
106	1.89	-0.57	1.97	-8.44	0.01
107	0.43	0.08	0.44	5.42	0.00
108	-0.51	0.63	0.82	64.54	0.00
109	0.41	-0.49	0.64	-25.04	0.00
110	5.94	-2.04	6.28	-9.49	0.01
111	-0.25	-0.47	0.53	-58.97	0.00
112	-0.22	-0.45	0.50	-57.81	0.00
113	-0.19	-0.41	0.46	-57.35	0.00
114	-0.22	-0.50	0.54	-56.75	0.00
115	-0.19	-0.41	0.46	-57.16	0.00
116	-0.16	-0.40	0.43	-55.69	0.00
117	-0.13	-0.36	0.38	-54.88	0.00
118	-0.16	-0.44	0.47	-54.82	0.00
119	-0.18	-0.48	0.51	-55.51	0.00
120	-0.24	-0.43	0.50	-59.73	0.01
121	0.23	-1.86	1.87	-41.51	0.00
122	-0.27	-0.83	0.88	-54.09	0.00

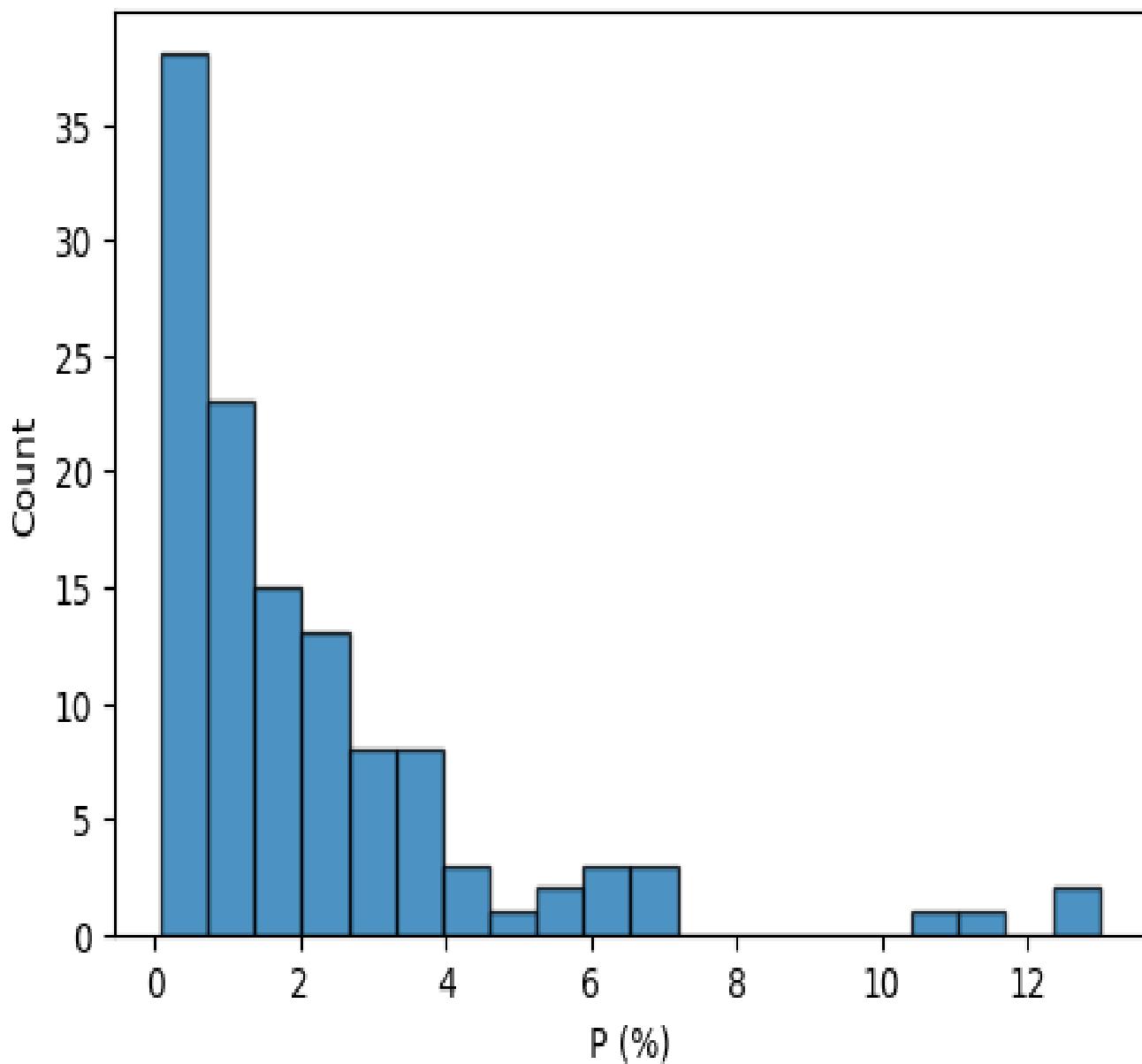
6. Polarimetría — Mapa de polarización

Polarization Map



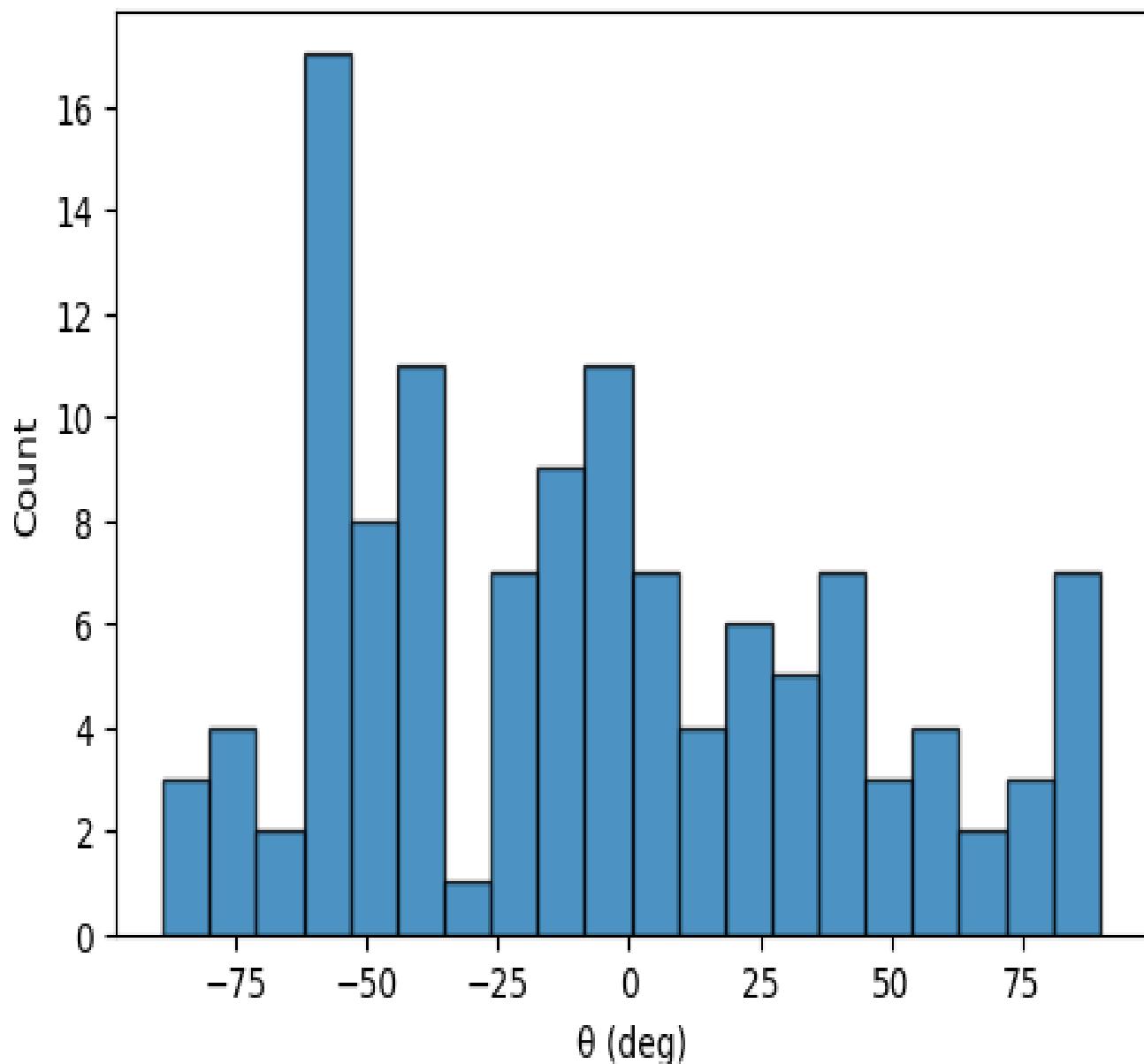
6. Polarimetría — Histograma de P

Histogram of Polarization Degree



6. Polarimetría — Histograma de θ

Histogram of Polarization Angle



6. Polarimetría — Diagrama Q–U

