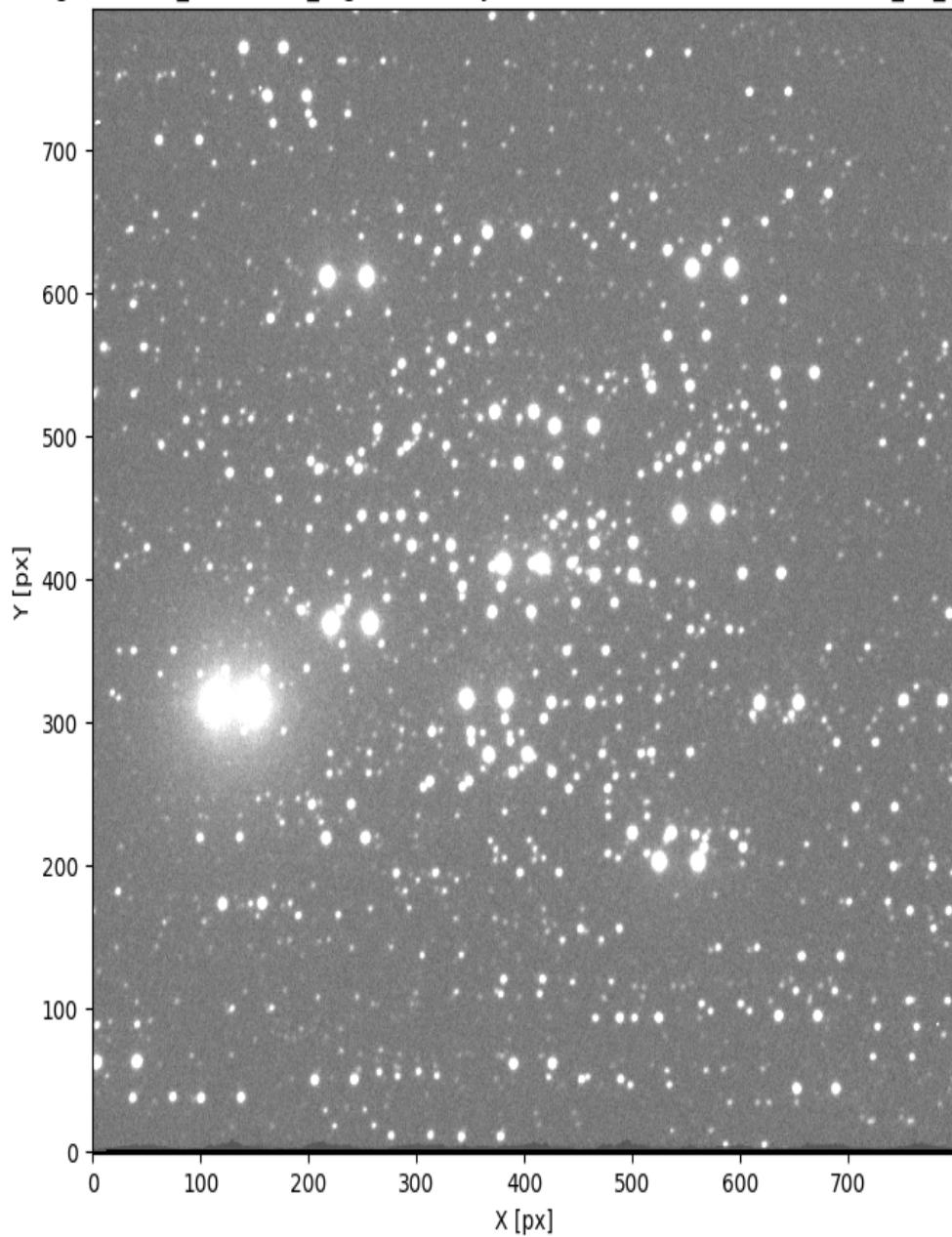
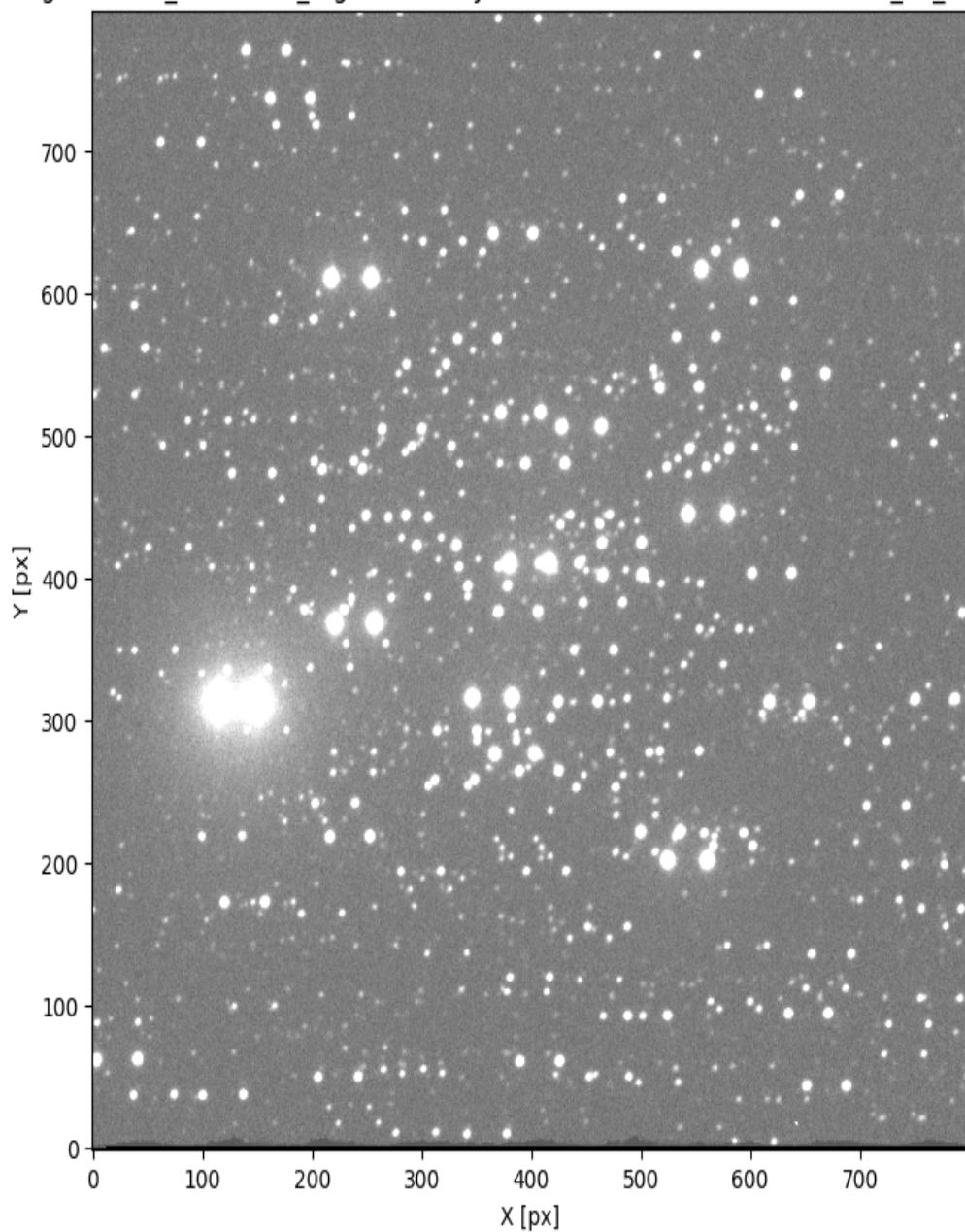


# 1. Imágenes originales

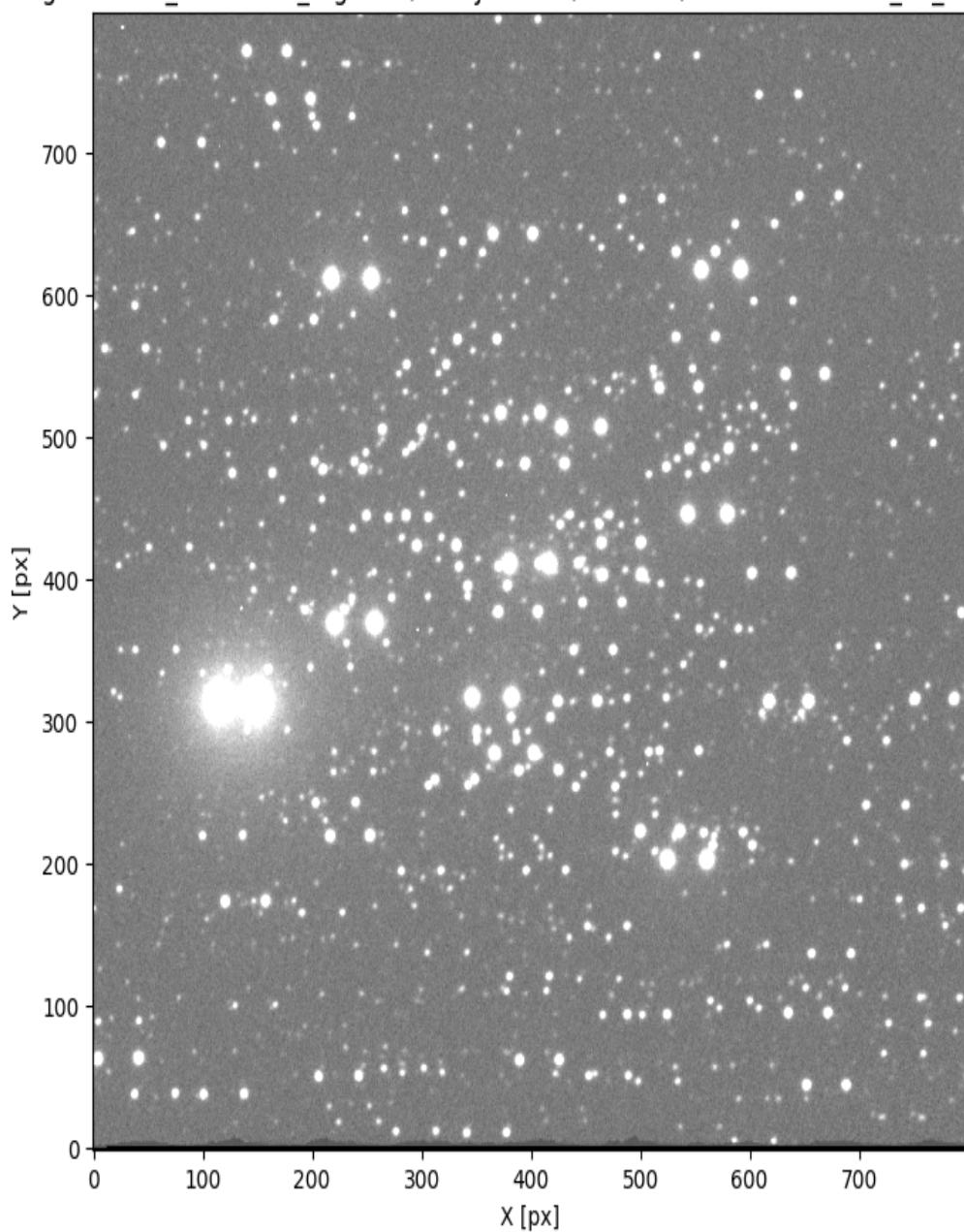
Reference Image noche1\_20230720\_organize/XMMJ183328/BessellR/caf-20230721-00\_20\_32-sci-blap\_b\_f.fits



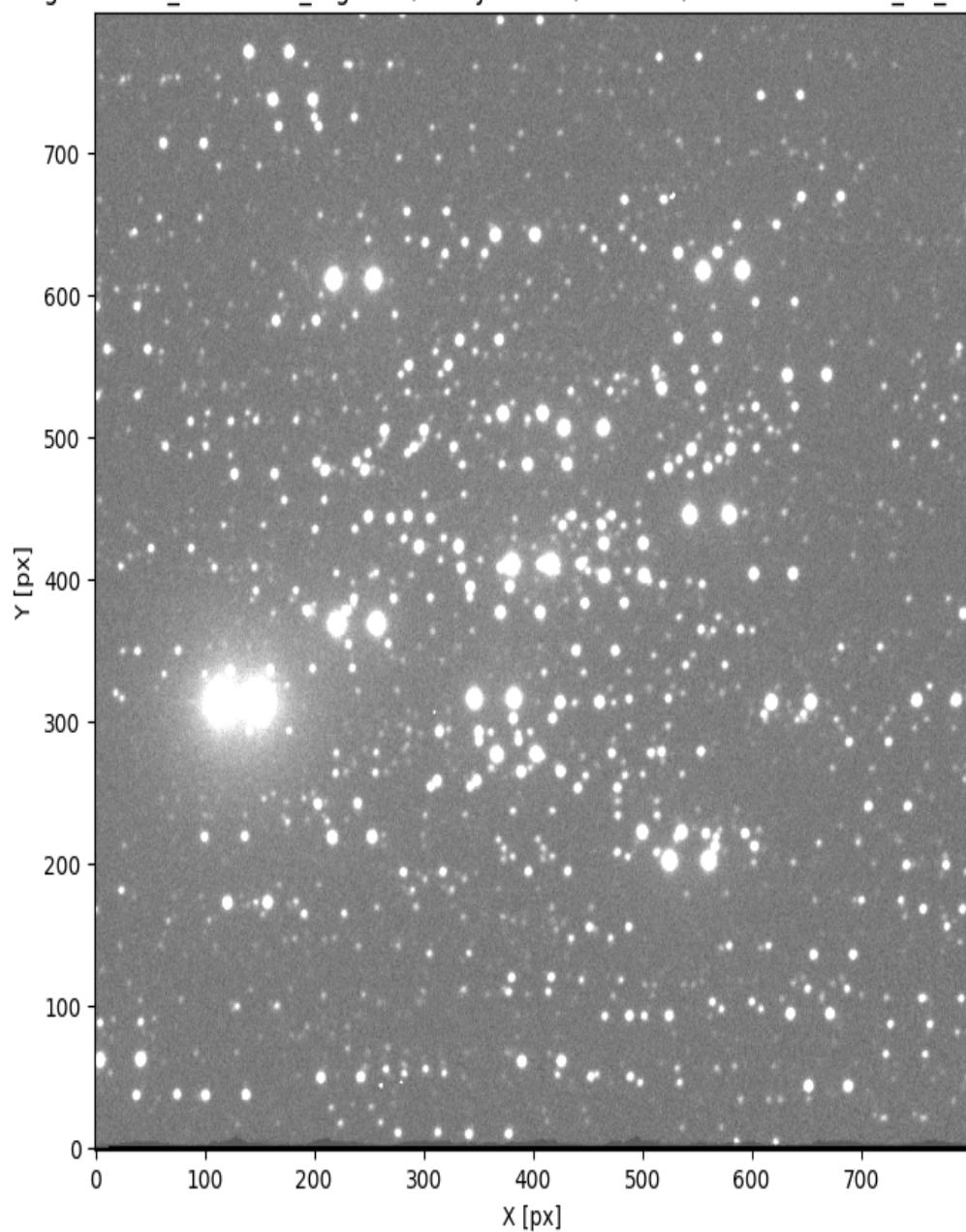
Original Image noche1\_20230720\_organize/XMMJ183328/BesselR/caf-20230721-00\_21\_20-sci-blap\_b\_f.fits



Original Image noche1\_20230720\_organize/XMMJ183328/BesselR/caf-20230721-00\_22\_08-sci-blap\_b\_f.fits

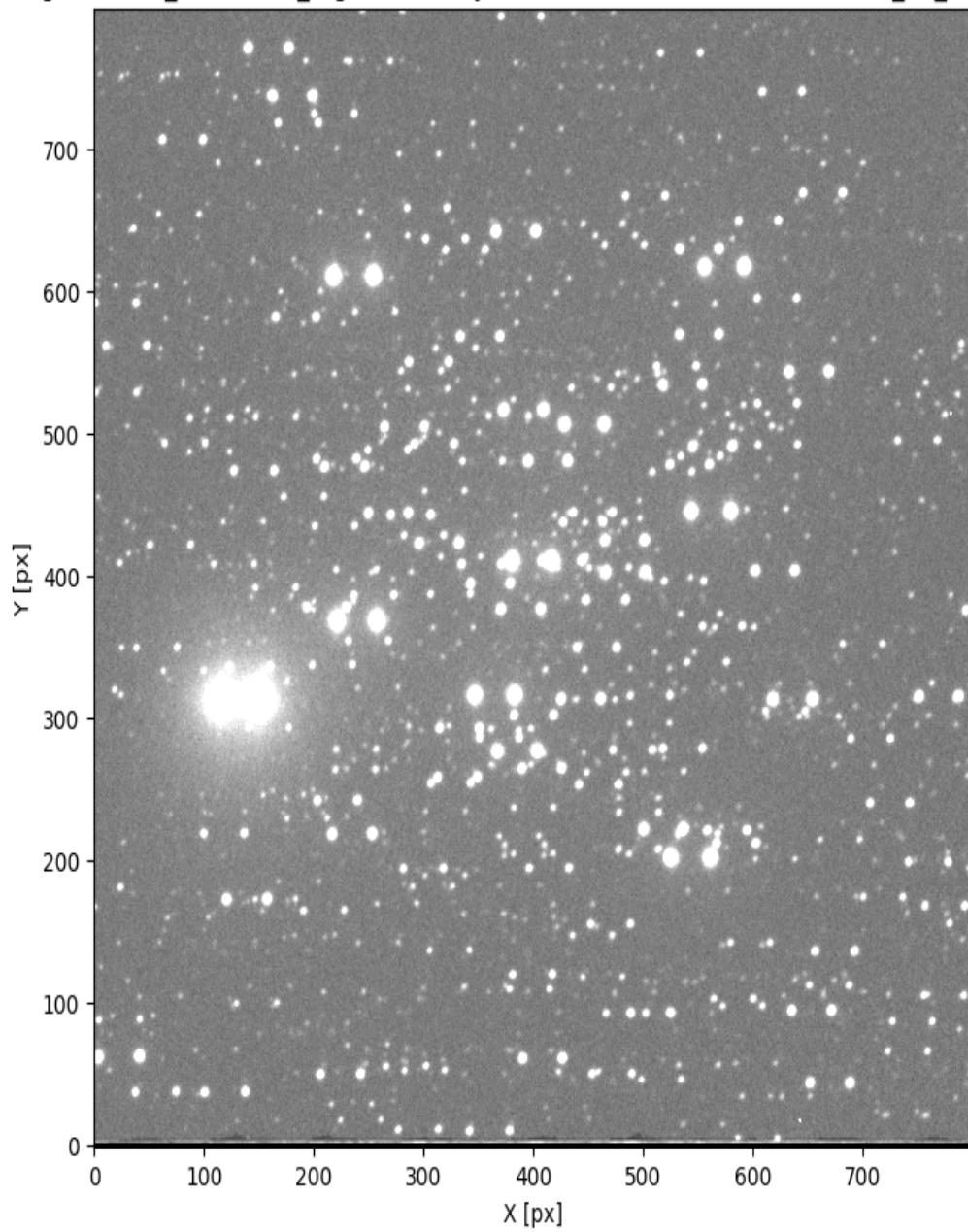


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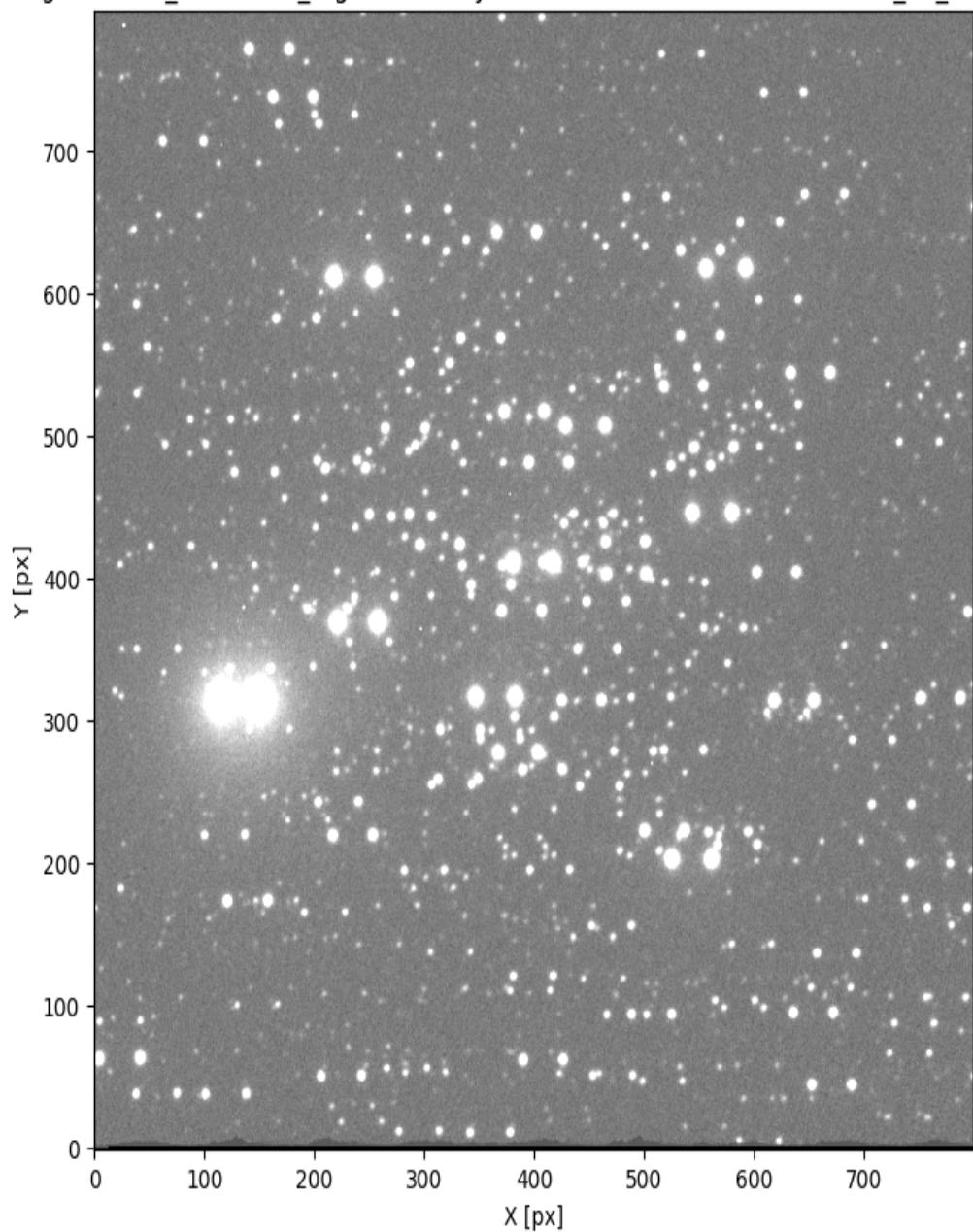


## 2. Imágenes alineadas

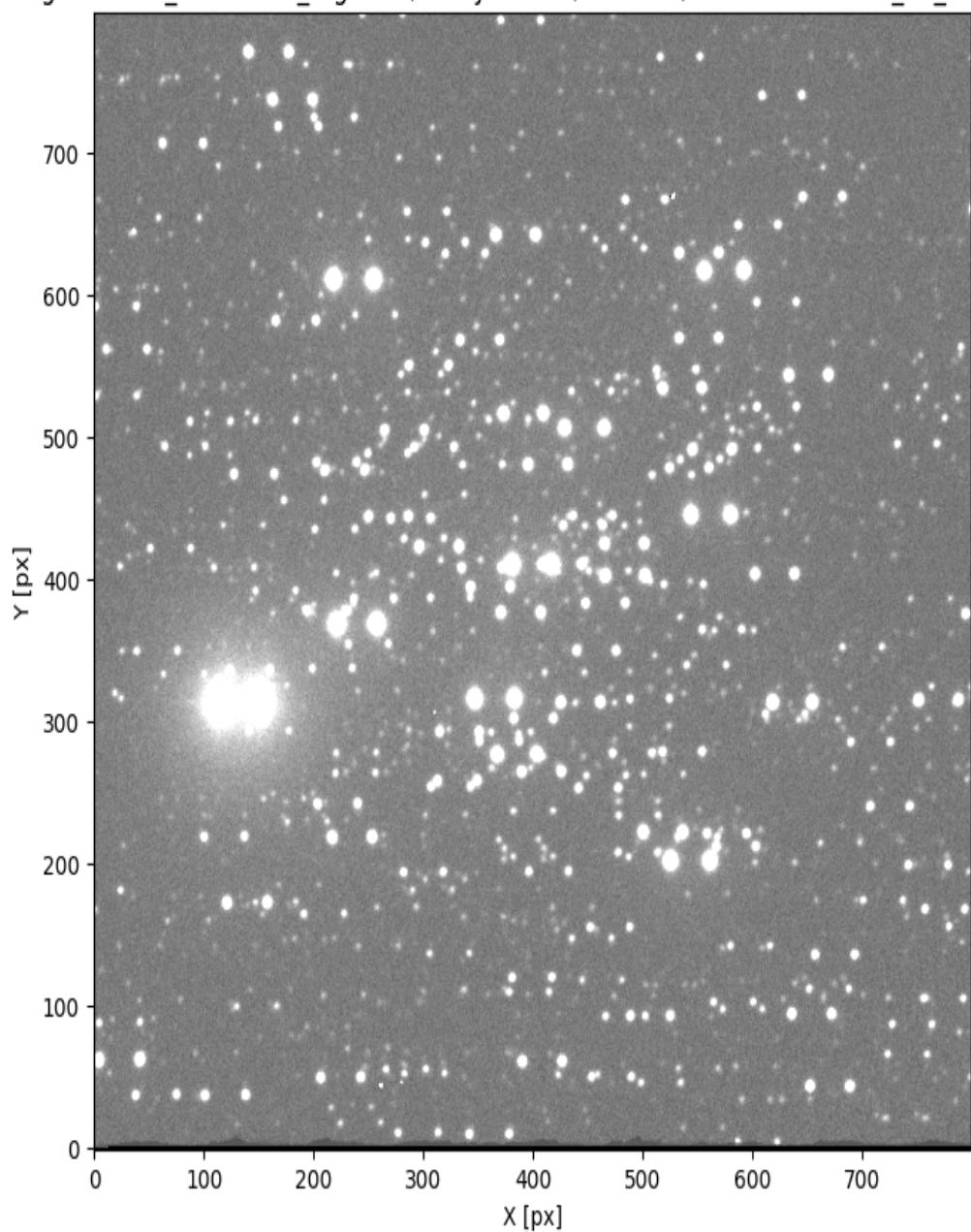
Aligned Image noche1\_20230720\_organize/XMMJ183328/BessellR/caf-20230721-00\_21\_20-sci-blap\_b\_f.fits



Aligned Image noche1\_20230720\_organize/XMMJ183328/BesselR/caf-20230721-00\_22\_08-sci-blap\_b\_f.fits

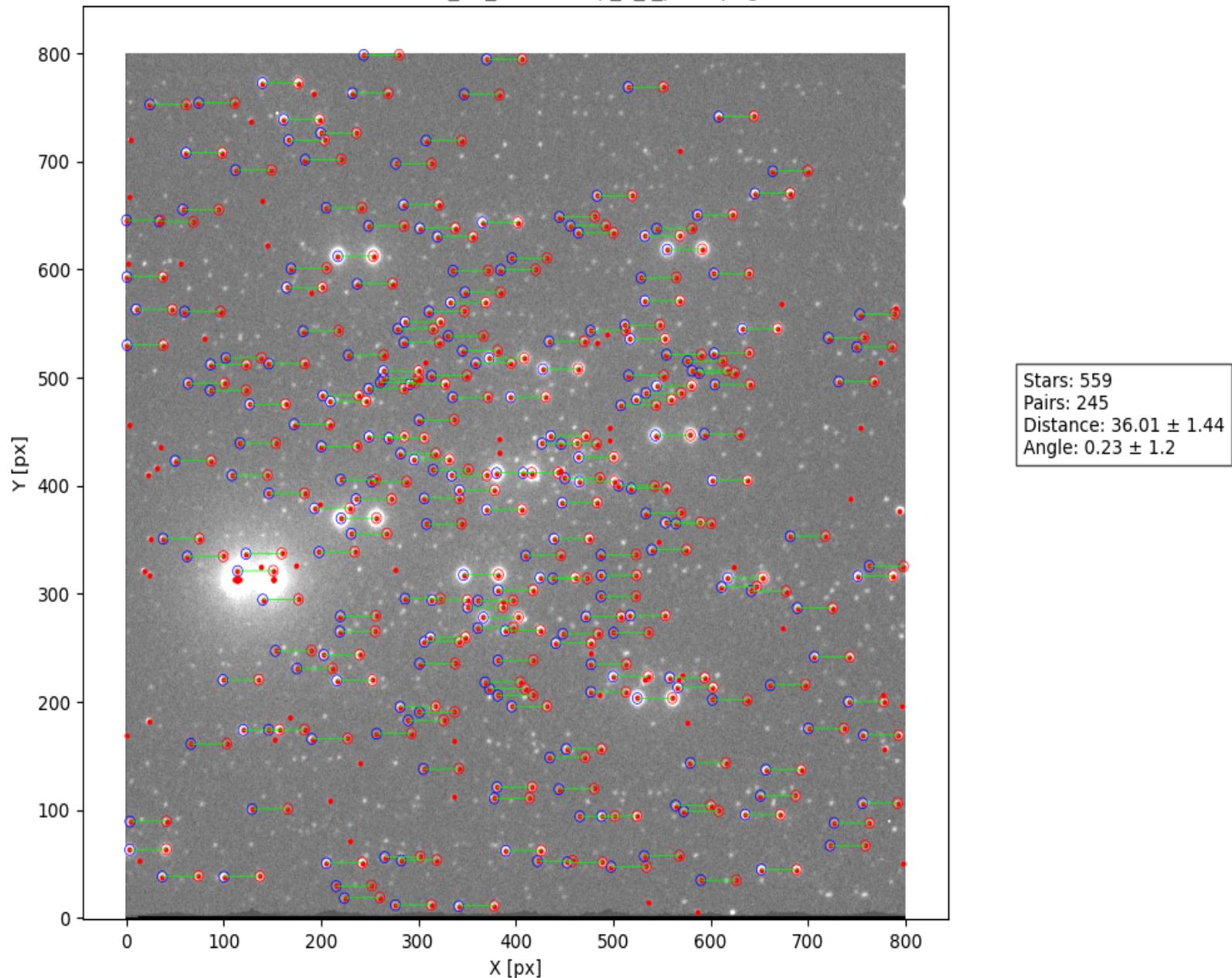


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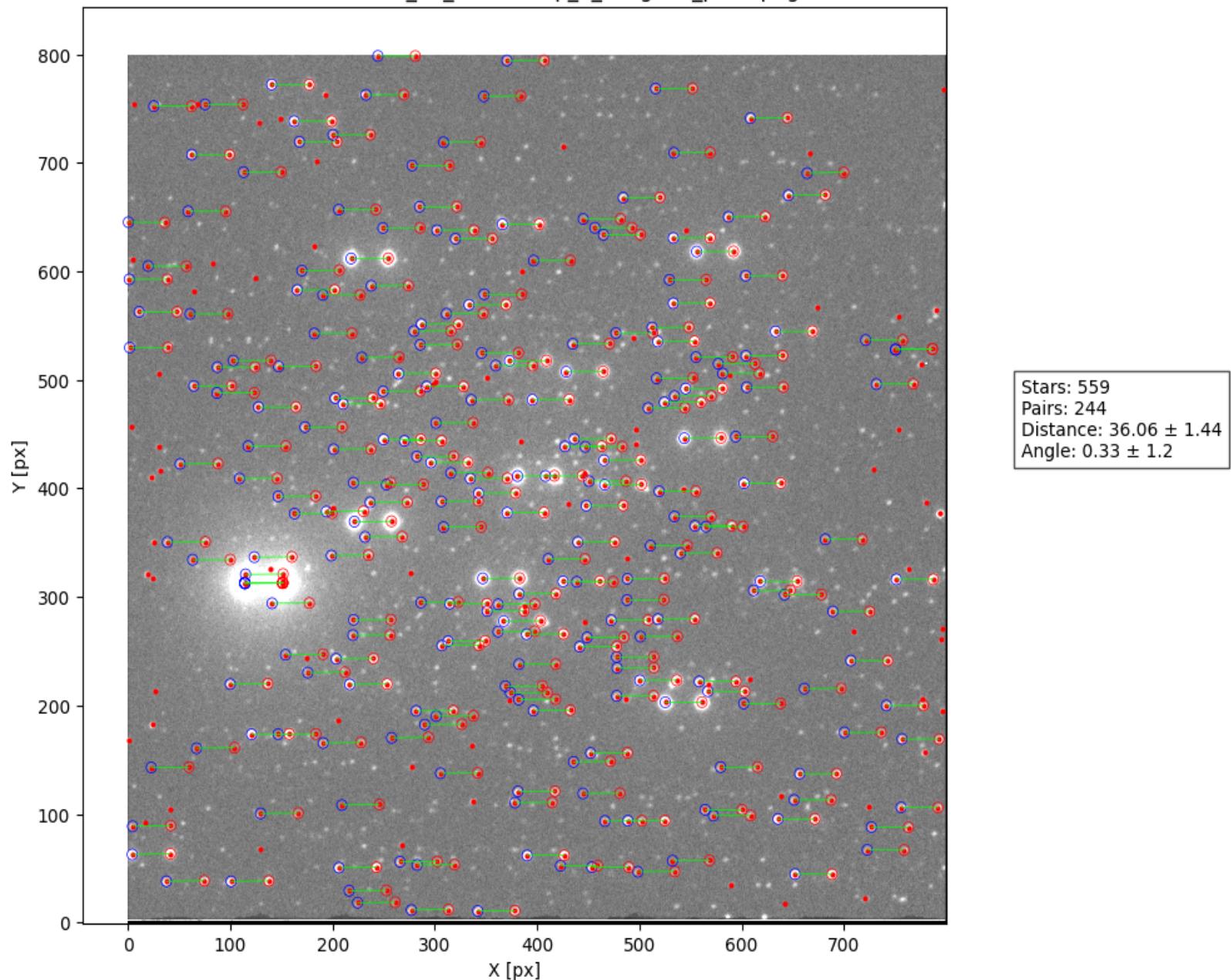


### 3. Imágenes con pares identificados

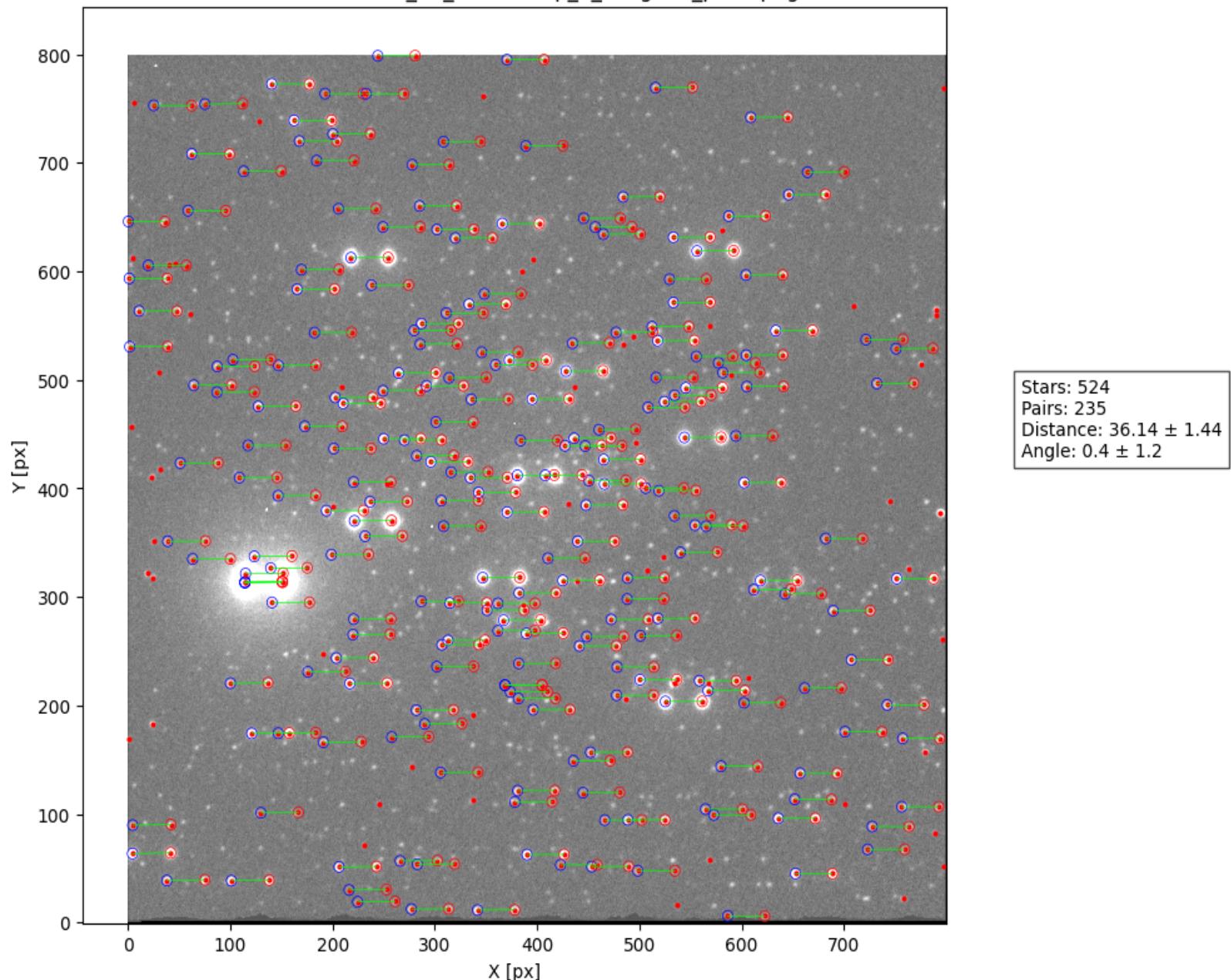
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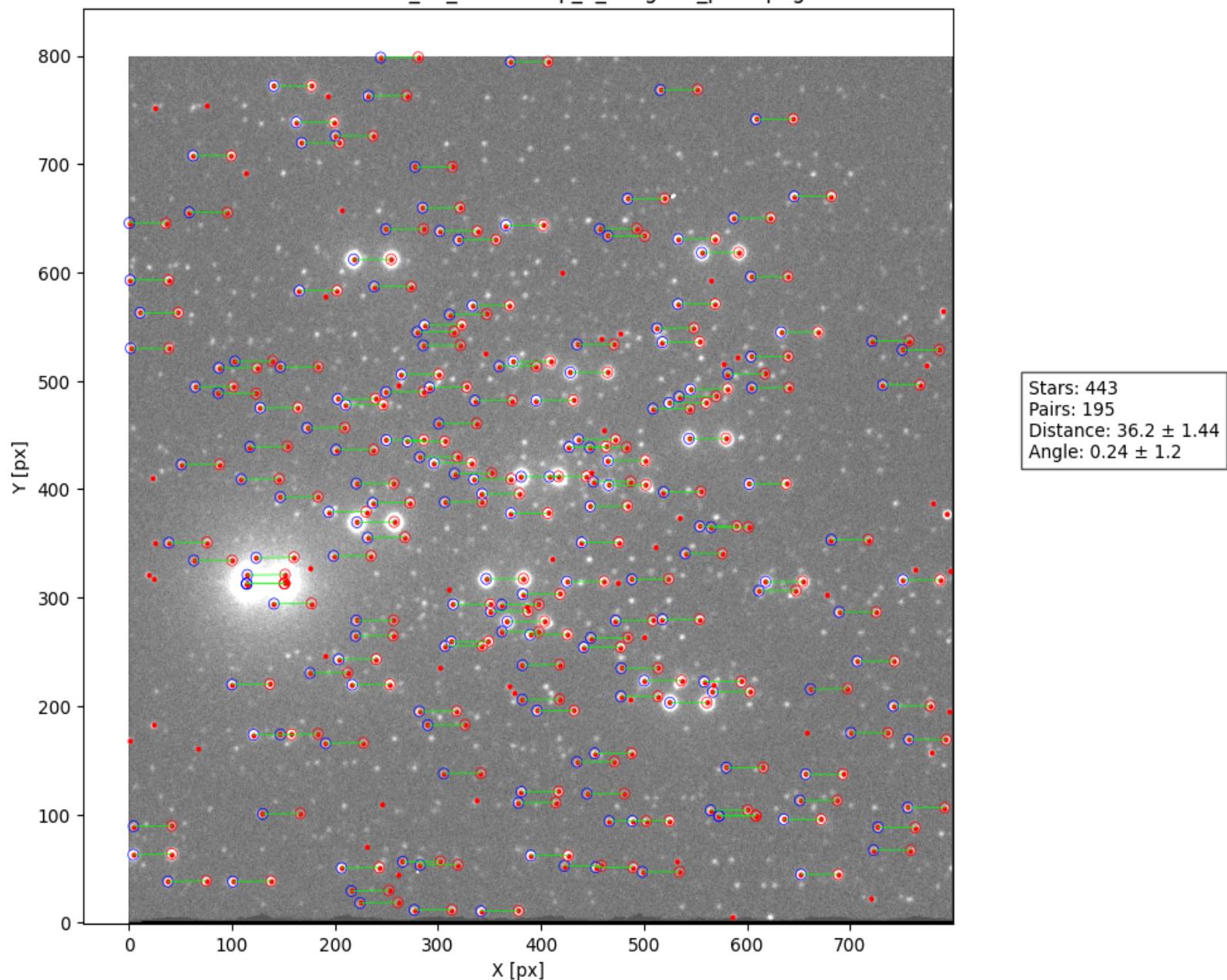
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caf-20230721-00\_22\_08-sci-blap\_b\_f-aligned\_pairs.png

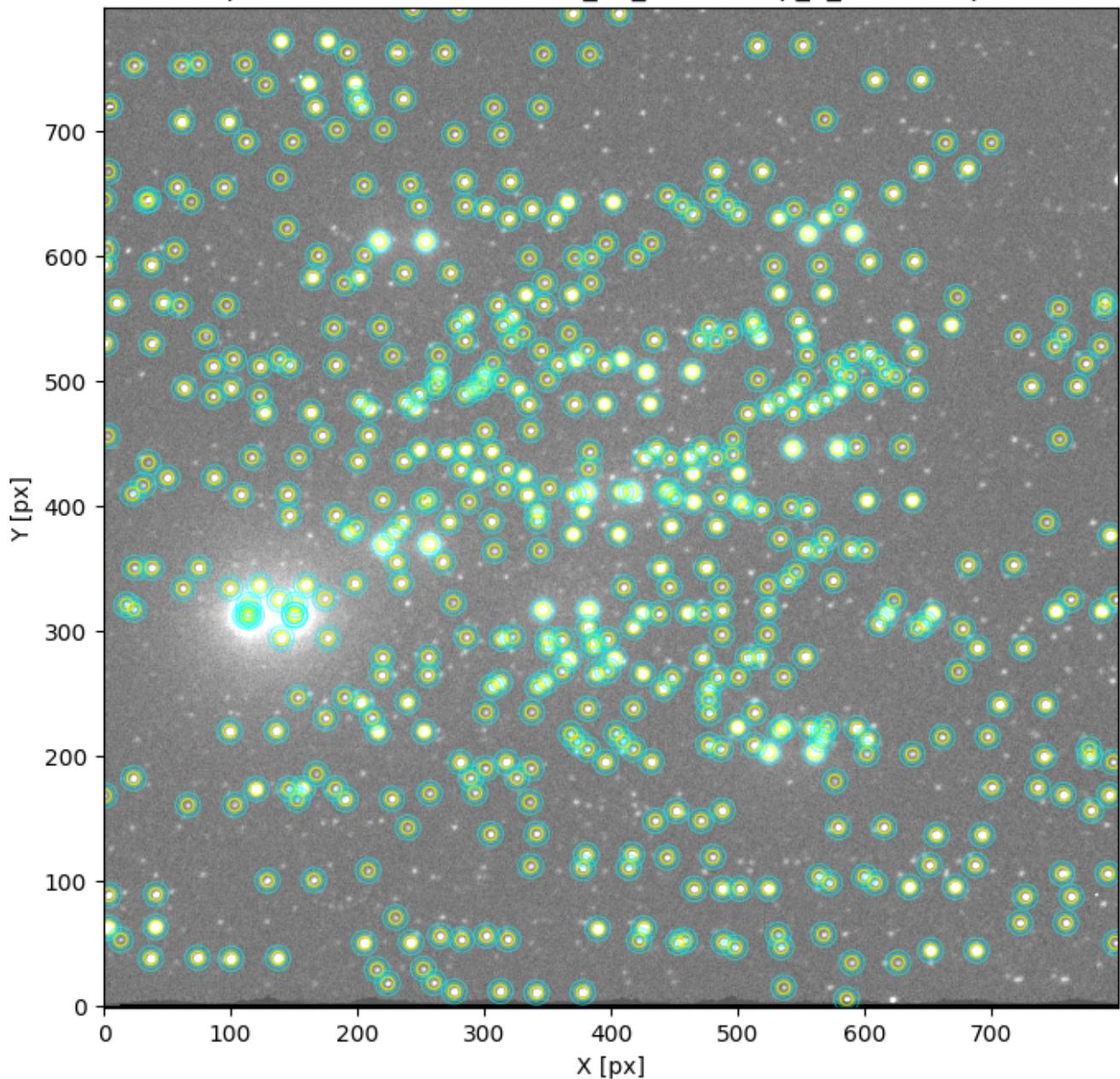


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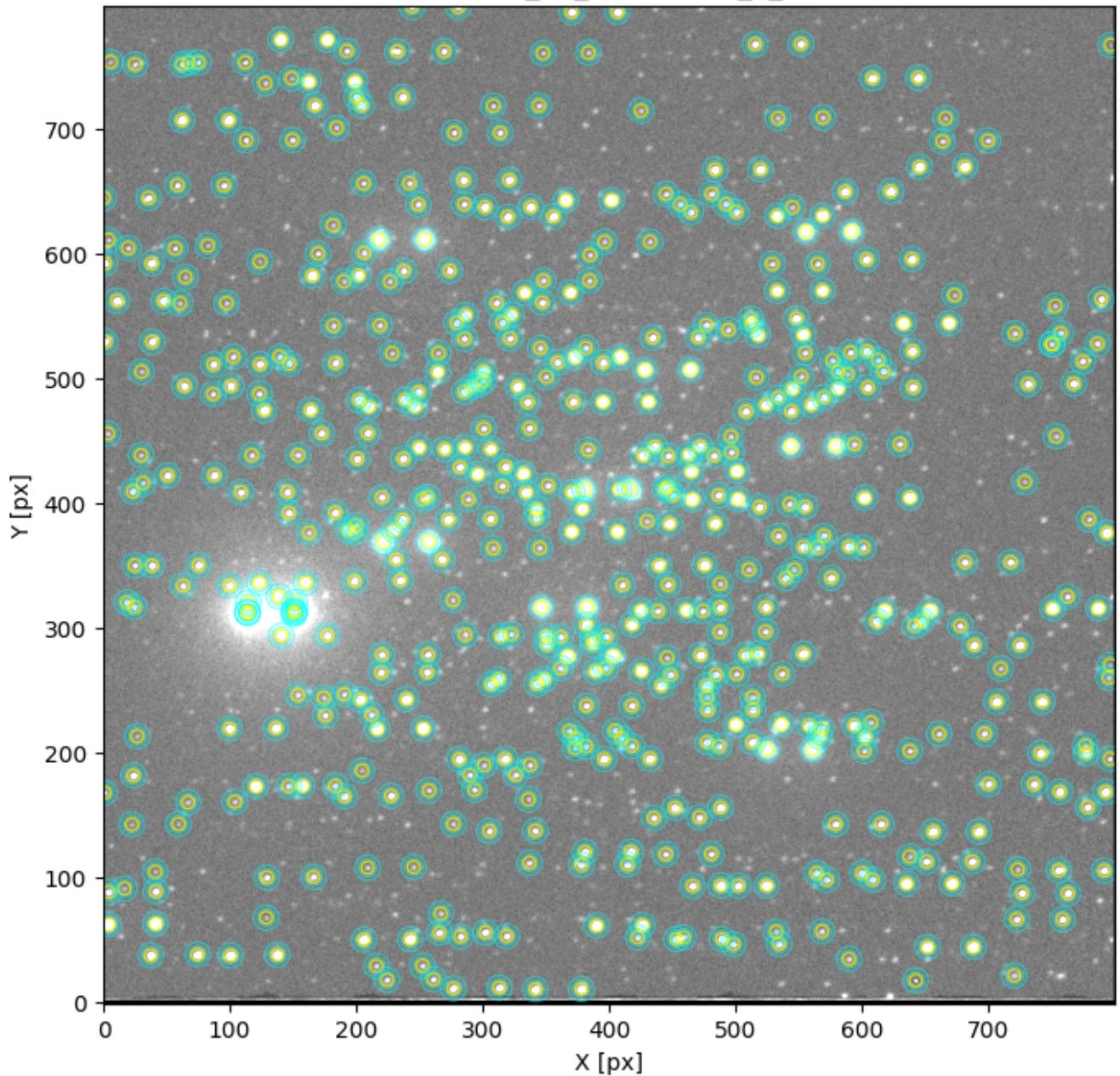


## 4. Fotometría — Aperturas

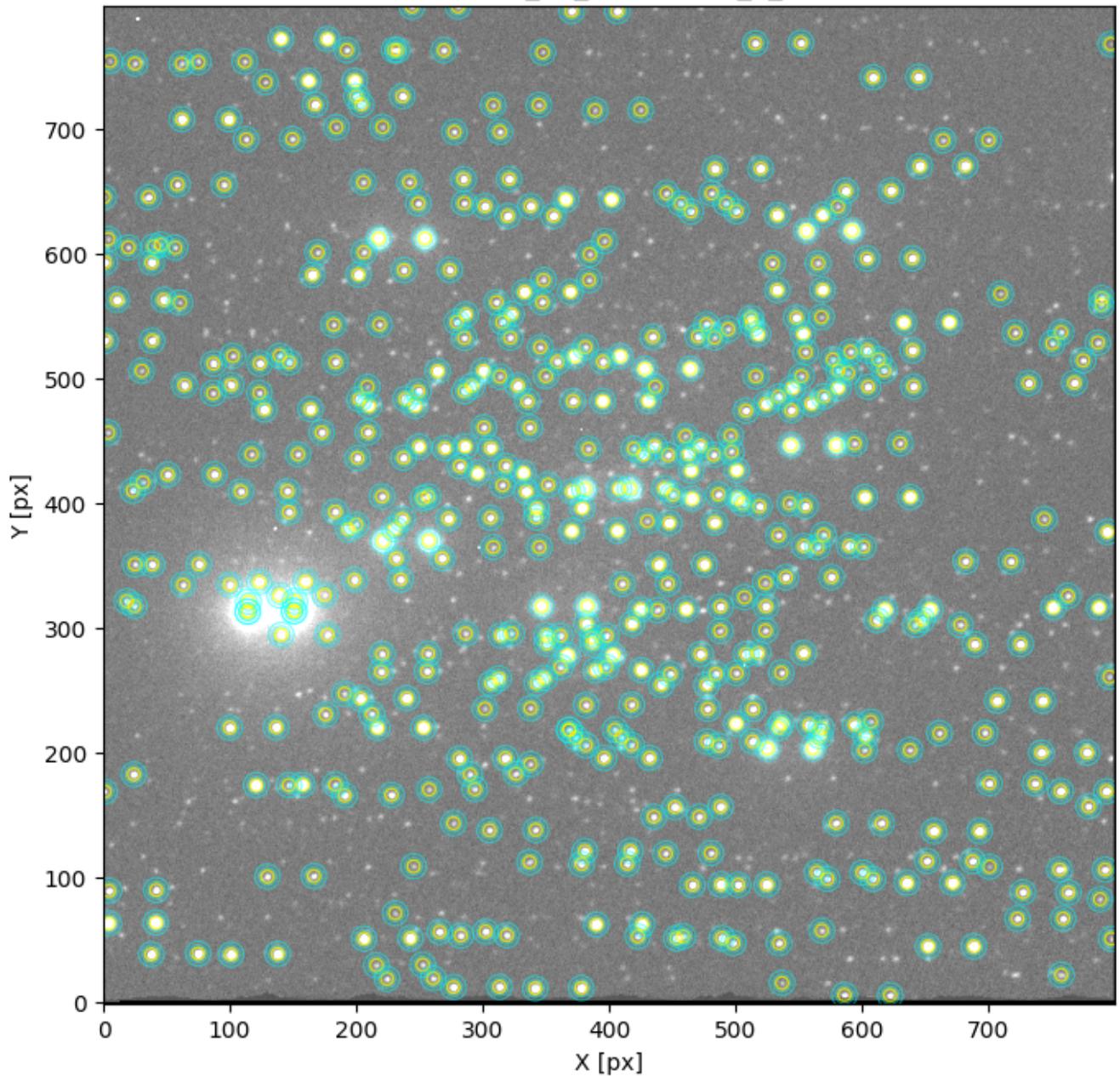
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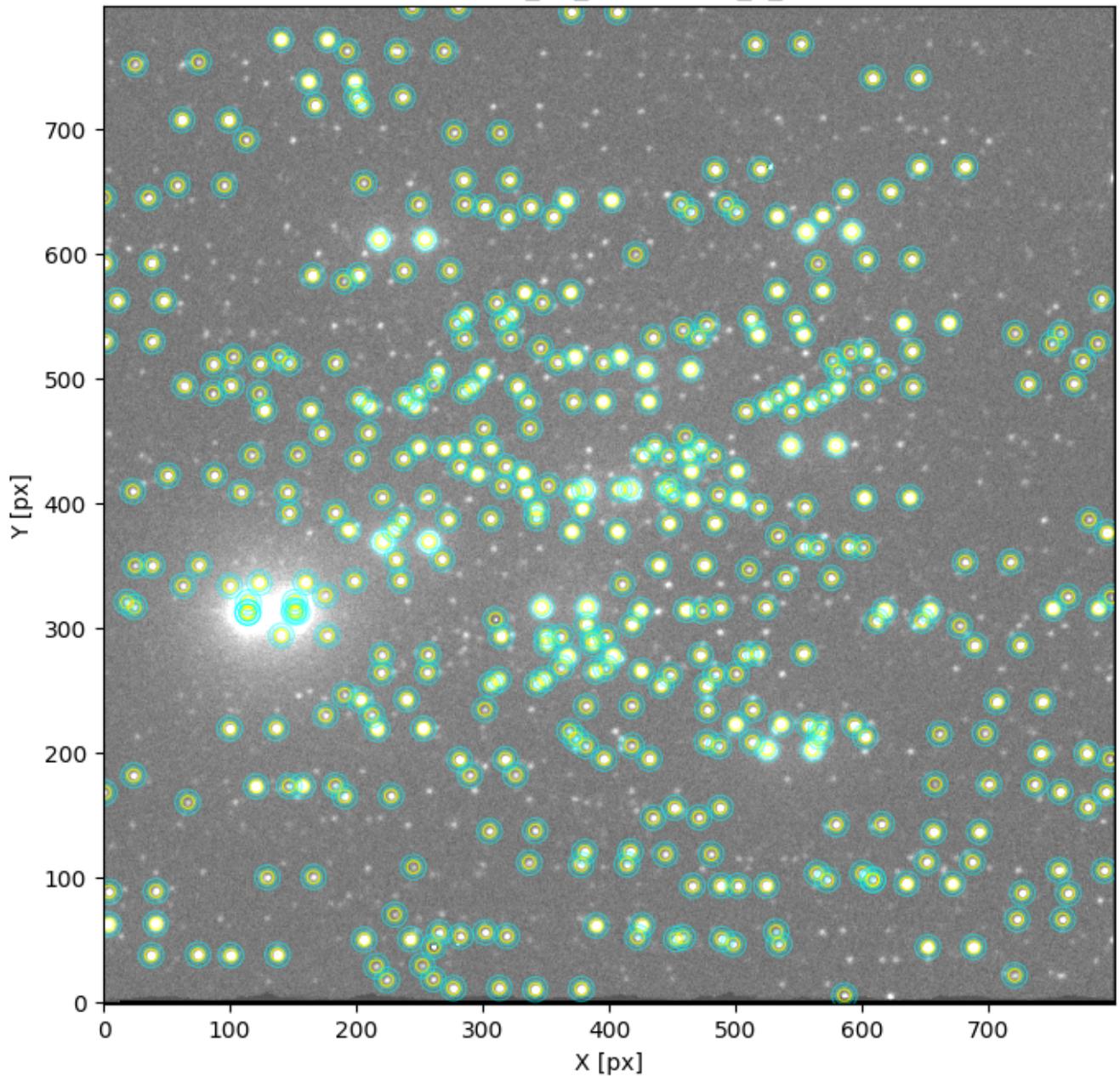
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Apertures caf-20230721-00\_22\_08-sci-blap\_b\_f-aligned.fits (r=5px)

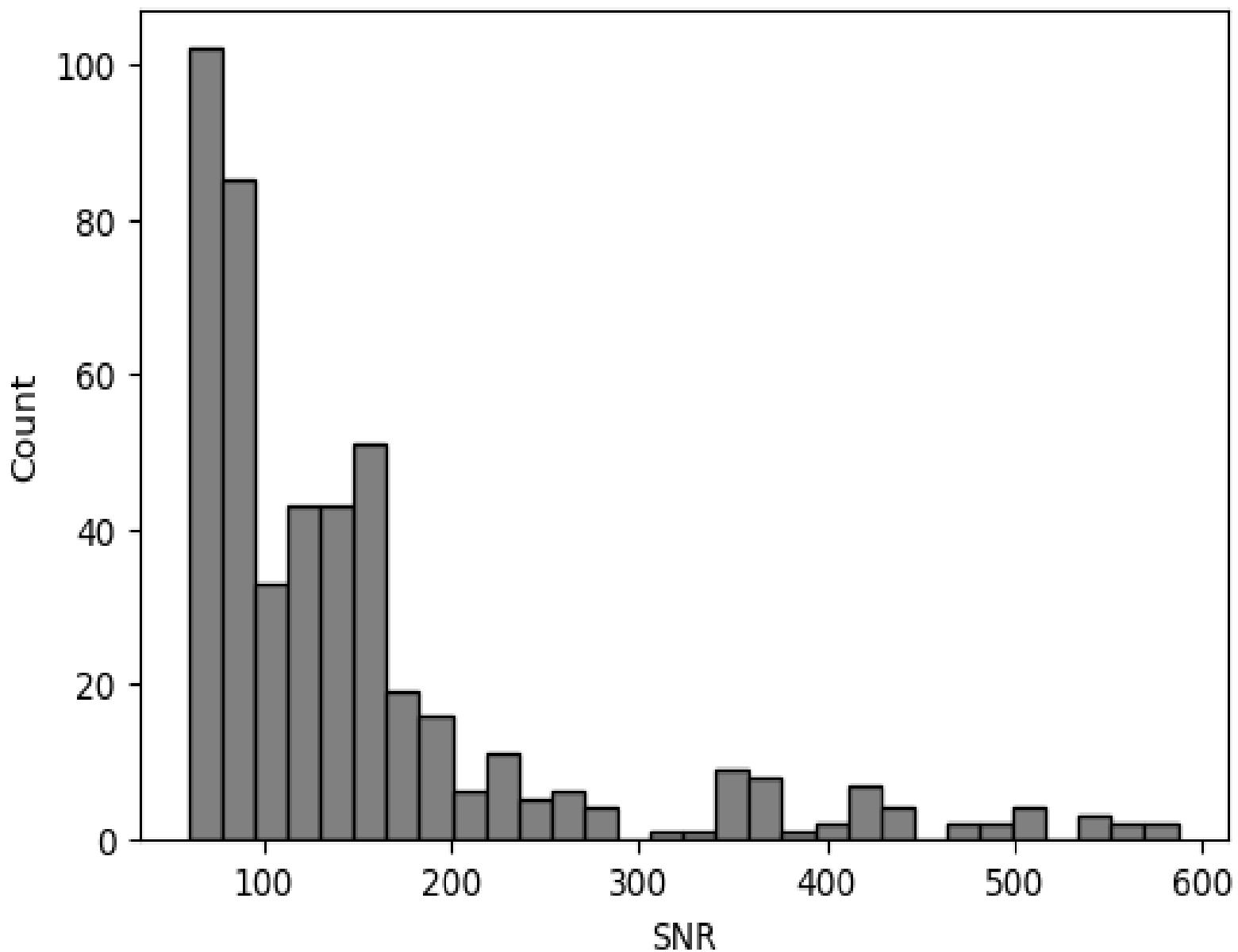


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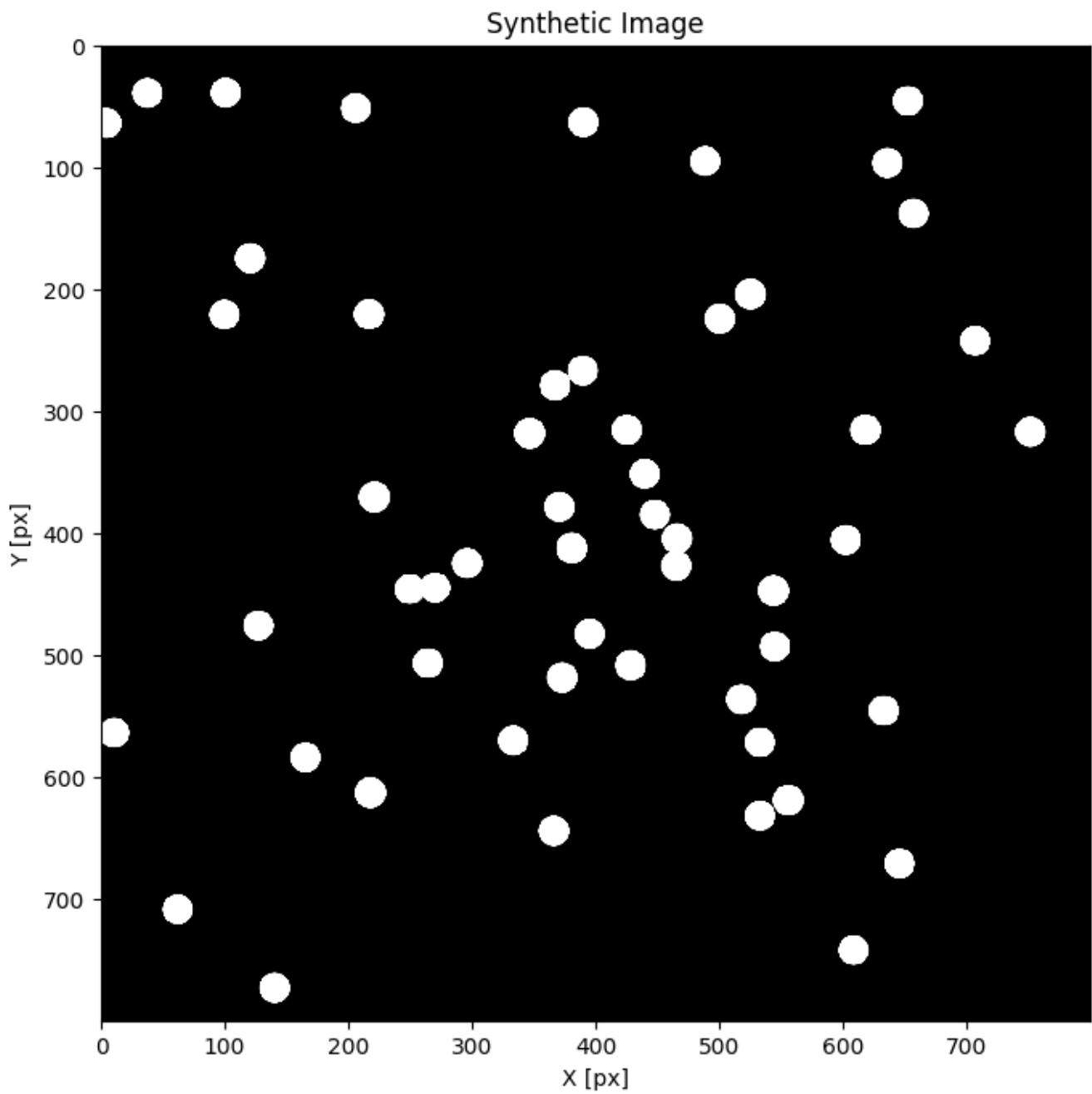


## 4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



## 5. Astrometría — Imagen sintética



## 5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
5	278.310638	-10.450442	UCAC4 398-084084	Star
6	278.310924	-10.441254	Gaia DR3 4155017715112890624	Star
7	278.314824	-10.360922	UCAC4 399-080906	Star
9	278.313330	-10.426036	NGC 6649 71	Star
15	278.315981	-10.399306	NGC 6649 74	Star
16	278.314126	-10.455423	UCAC4 398-084084	Star
21	278.321262	-10.385134	NGC 6649 76	Star
22	278.322276	-10.363627	UCAC4 399-080906	Star
31	278.328561	-10.360756	GES J18331889-1021381	Star
40	278.331111	-10.439127	UCAC4 398-084101	Star
49	278.337632	-10.380372	2MASS J18332105-1022486	RedSG
56	278.337862	-10.442424	Gaia DR3 4155014790227699200	Star
57	278.338417	-10.425419	NGC 6649 44	Star
59	278.340483	-10.384116	NGC 6649 48	Star
64	278.344334	-10.354001	Gaia DR3 4155024926353433856	Star
73	278.346191	-10.400493	NGC 6649 24	Star
75	278.347860	-10.403825	NGC 6649 23	Star
90	278.353614	-10.395556	NGC 6649 17	Star
91	278.354666	-10.367387	2MASS J18332515-1022018	Star
92	278.355681	-10.347875	UCAC2 28238305	Be*
93	278.353591	-10.407030	NGC 6649 19	Star
104	278.359046	-10.393659	NGC 6649 16	Be*
110	278.360663	-10.425609	2MASS J18332658-1025317	RedSG
112	278.362679	-10.403877	NGC 6649 8	Star
114	278.364047	-10.392631	NGC 6649 15	Star
122	278.367047	-10.390126	NGC 6649 14	Star
123	278.367985	-10.370186	UCAC4 399-080995	Star
128	278.367751	-10.402585	NGC 6649 9	Be*
132	278.369139	-10.414991	NGC 6649 5	Star
133	278.370379	-10.390339	NGC 6649 13	Star
139	278.371953	-10.418873	NGC 6649 4	Star
140	278.372017	-10.421846	NGC 6649 3	Star
142	278.373849	-10.378958	NGC 6649 28	Star

147	278.375810	-10.439840	NGC 6649 41	Star
151	278.378270	-10.400844	NGC 6649 34	Star
156	278.380643	-10.379019	NGC 6649 30	Star
166	278.381109	-10.420043	NGC 6649 37	Star
168	278.382289	-10.396147	NGC 6649 33	Star
174	278.383465	-10.404277	NGC 6649 35	Star
183	278.386936	-10.383228	NGC 6649 31	Star
189	278.388974	-10.366420	GES J18333339-1021584	Star
195	278.388219	-10.457265	Gaia DR3 4155020360812652032	Star
196	278.390903	-10.410314	NGC 6649 40	Star
197	278.392260	-10.381198	NGC 6649 57	Star
199	278.392041	-10.434896	NGC 6649 65	Be*
208	278.396626	-10.427394	V* V367 Sct	ClassicalCep
209	278.399445	-10.378083	NGC 6649 58	Star
211	278.401191	-10.381506	NGC 6649 59	Be*
217	278.402098	-10.405939	NGC 6649 61	Star
226	278.407689	-10.365195	GES J18333788-1021542	Star
231	278.409988	-10.450587	GES J18333842-1027012	Star
236	278.418045	-10.370992	GES J18334036-1022151	Star
242	278.419984	-10.439531	GES J18333957-1026273	Star

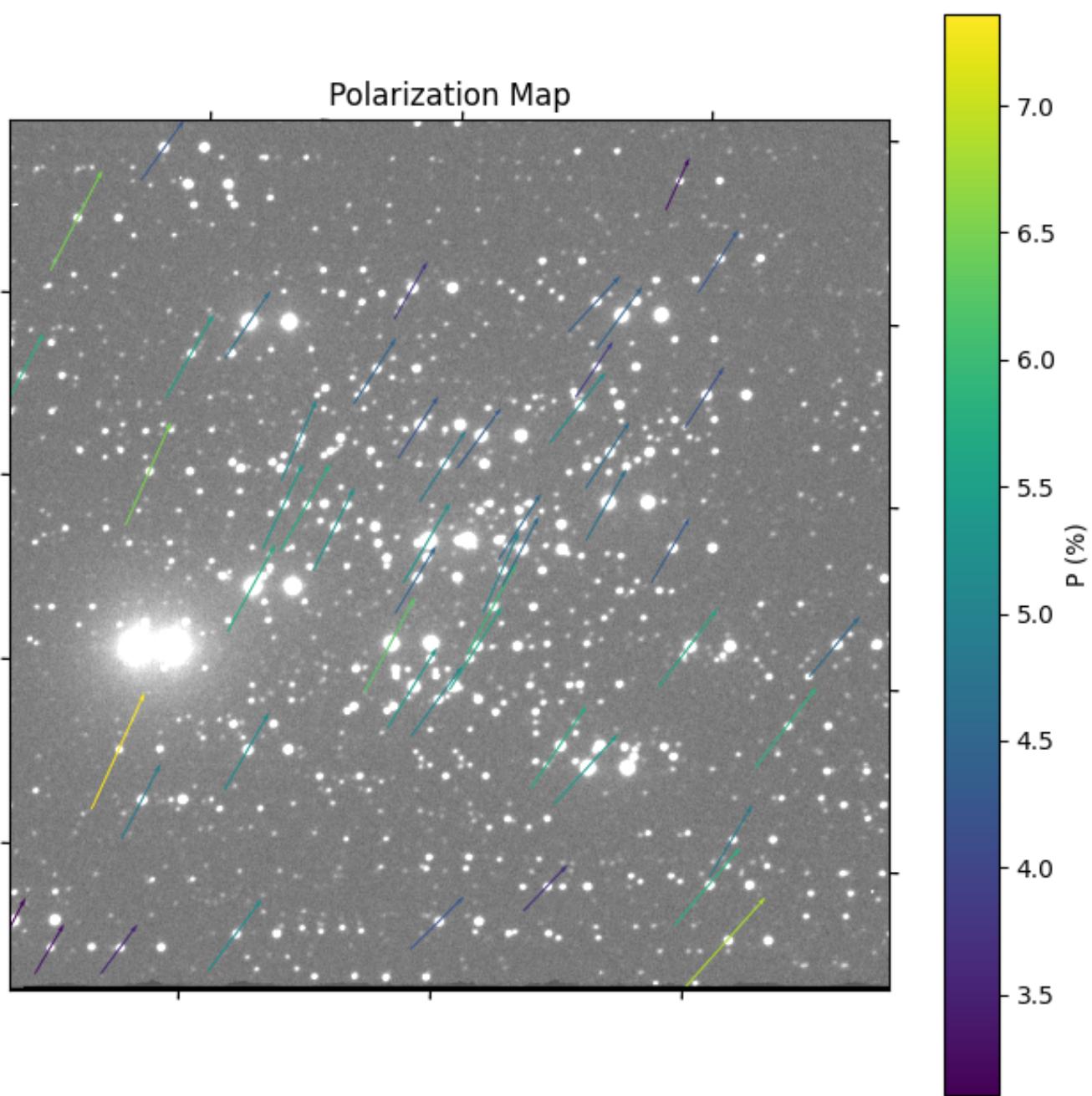
## 6. Polarimetría — Tabla de parámetros

Par	q (%)	u (%)	P (%)	θ (°)	Error (%)
5	-1.66	2.88	3.32	59.98	0.00
6	-1.05	3.37	3.53	53.63	0.00
7	-0.85	6.78	6.83	48.56	0.00
9	-1.51	4.93	5.16	53.54	0.00
15	0.01	4.30	4.30	44.92	0.00
16	-1.78	2.54	3.10	62.51	0.00
21	-0.21	3.65	3.66	46.66	0.00
22	-1.00	5.76	5.84	49.93	0.00
31	-2.35	4.22	4.83	59.58	0.00
40	-2.81	3.94	4.83	62.73	0.00
49	-0.56	5.42	5.45	47.95	0.00
56	-4.86	5.53	7.36	65.65	0.00
57	-2.61	4.43	5.14	60.23	0.00
59	-2.23	5.31	5.75	56.39	0.00
64	-1.60	5.64	5.86	52.92	0.00
73	-1.57	4.76	5.02	54.12	0.00
75	-2.50	4.81	5.42	58.72	0.00
90	-2.46	5.07	5.64	57.95	0.00
91	-1.60	5.40	5.63	53.26	0.00
92	-0.83	4.46	4.54	50.29	0.00
93	-3.53	5.15	6.25	62.21	0.00
104	-3.32	4.96	5.97	61.90	0.00
110	-3.12	4.81	5.74	61.48	0.00
112	-2.12	3.95	4.49	59.11	0.00
114	-3.46	3.74	5.09	66.37	0.00
122	-2.61	3.71	4.54	62.57	0.00
123	-2.15	3.78	4.34	59.80	0.00
128	-2.66	4.62	5.33	59.98	0.00
132	-3.25	4.20	5.31	63.89	0.00
133	-1.95	4.13	4.57	57.62	0.00
139	-2.95	4.97	5.78	60.35	0.00
140	-3.47	4.16	5.42	64.92	0.00
142	-2.47	3.99	4.69	60.87	0.00

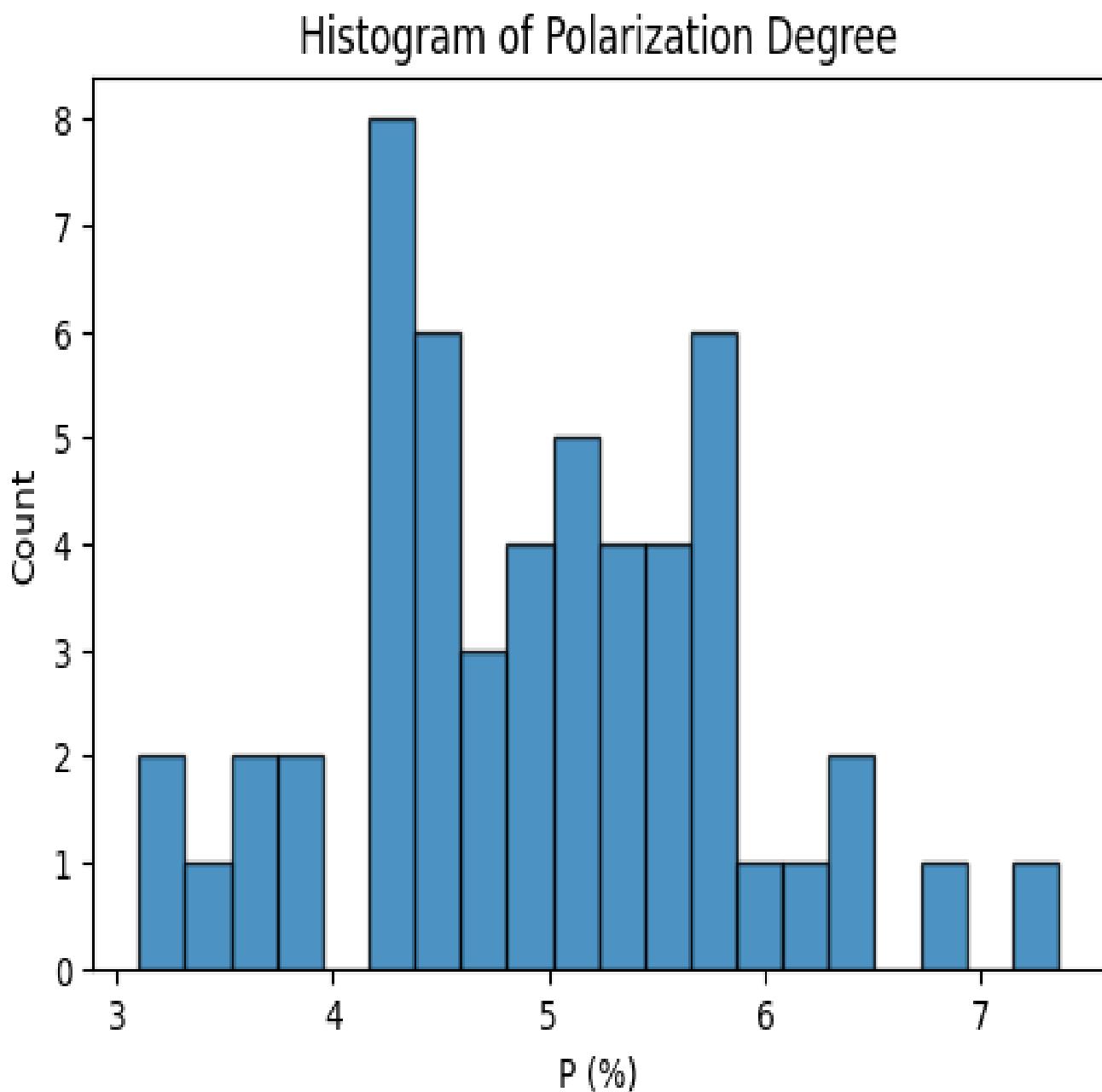
147	-4.41	4.77	6.50	66.39	0.00
151	-2.05	4.43	4.88	57.40	0.00
156	-1.86	4.20	4.60	56.91	0.00
166	-3.47	3.71	5.08	66.52	0.00
168	-1.37	4.09	4.31	54.28	0.00
174	-1.79	3.86	4.25	57.43	0.00
183	-1.23	5.06	5.21	51.85	0.00
189	-1.79	3.80	4.20	57.64	0.00
195	-3.33	4.78	5.82	62.44	0.00
196	-1.92	4.05	4.48	57.70	0.00
197	-1.52	3.59	3.90	56.49	0.00
199	-2.85	4.70	5.49	60.63	0.00
208	-1.79	4.31	4.67	56.28	0.00
209	-1.42	4.26	4.49	54.20	0.00
211	-0.36	4.34	4.36	47.36	0.00
217	-1.97	3.27	3.82	60.52	0.00
226	-1.86	3.89	4.31	57.80	0.00
231	-3.78	5.27	6.49	62.83	0.00
236	-2.21	2.46	3.31	65.97	0.00
242	-1.42	4.03	4.27	54.69	0.00

## 6. Polarimetría — Mapa de polarización

Polarization Map

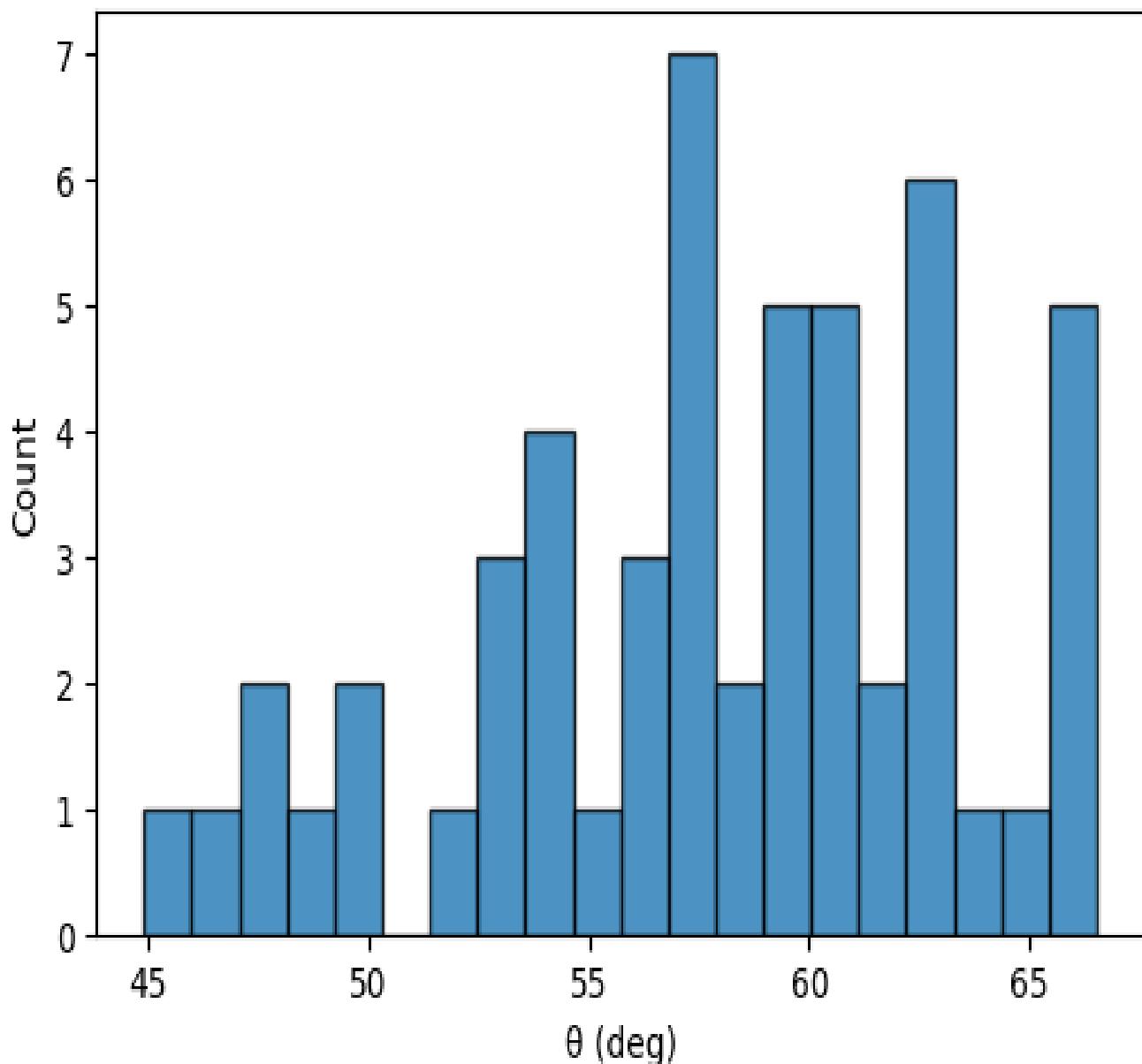


## 6. Polarimetría — Histograma de P



## 6. Polarimetría — Histograma de $\theta$

Histogram of Polarization Angle



## 6. Polarimetría — Diagrama Q–U

