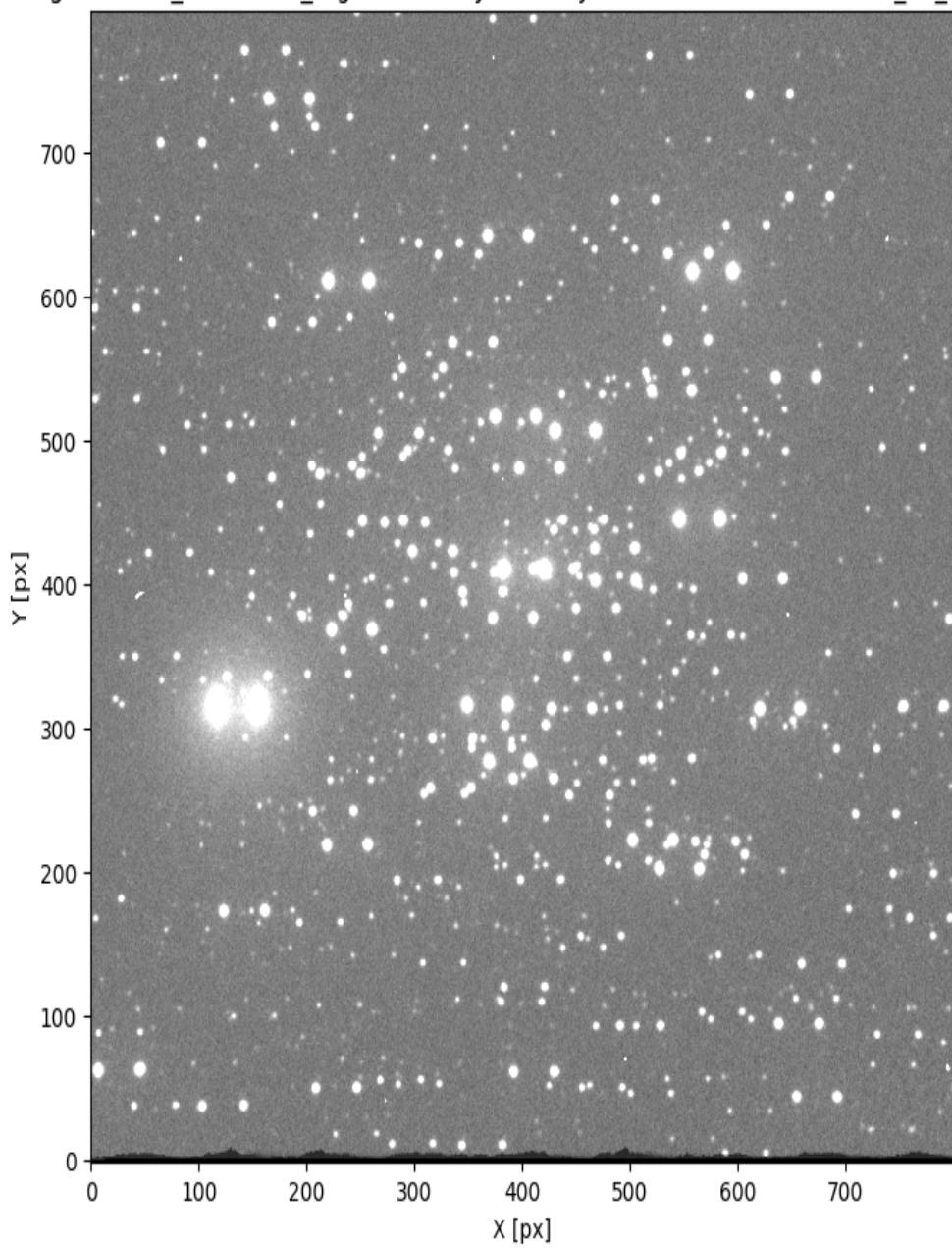
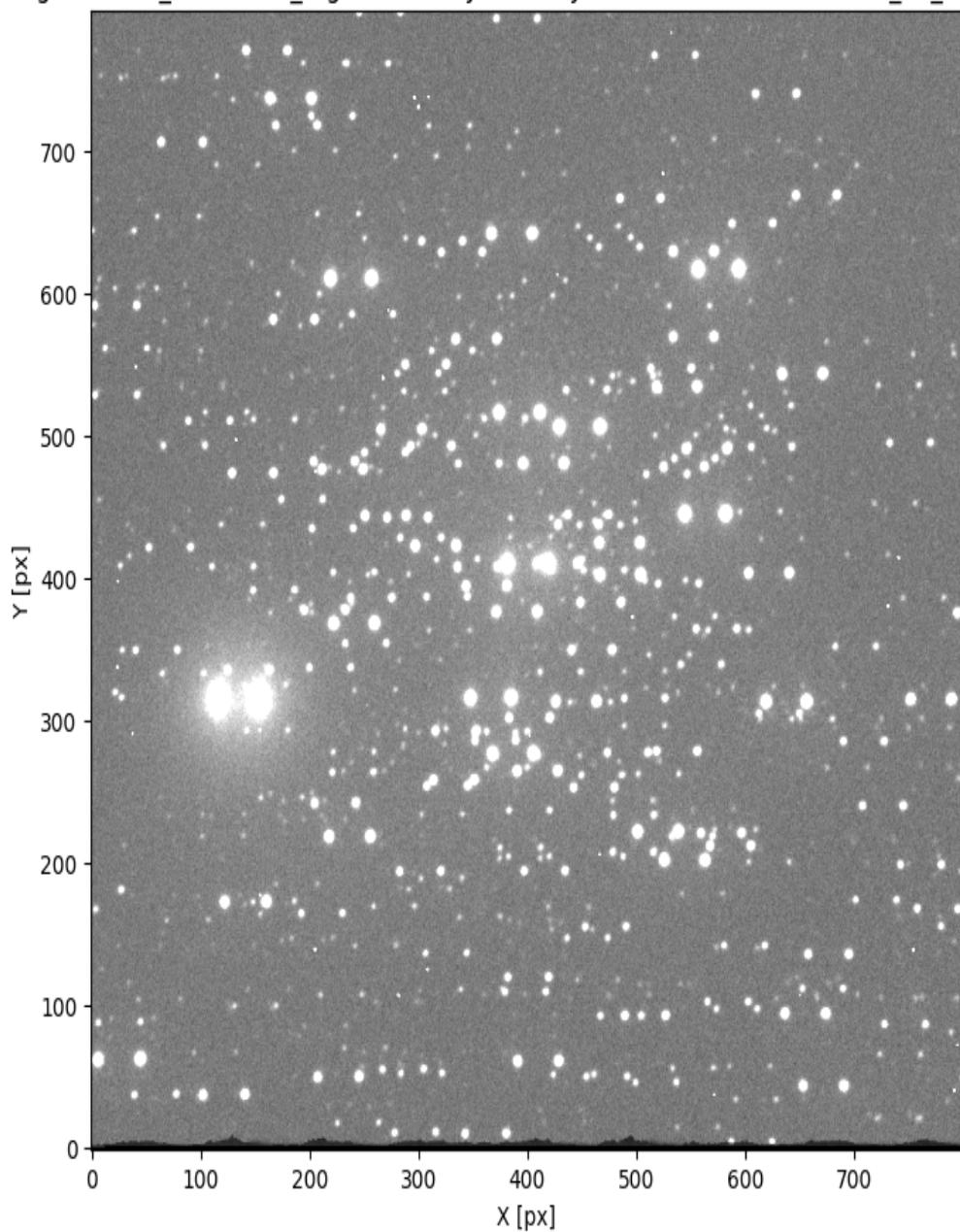


# 1. Imágenes originales

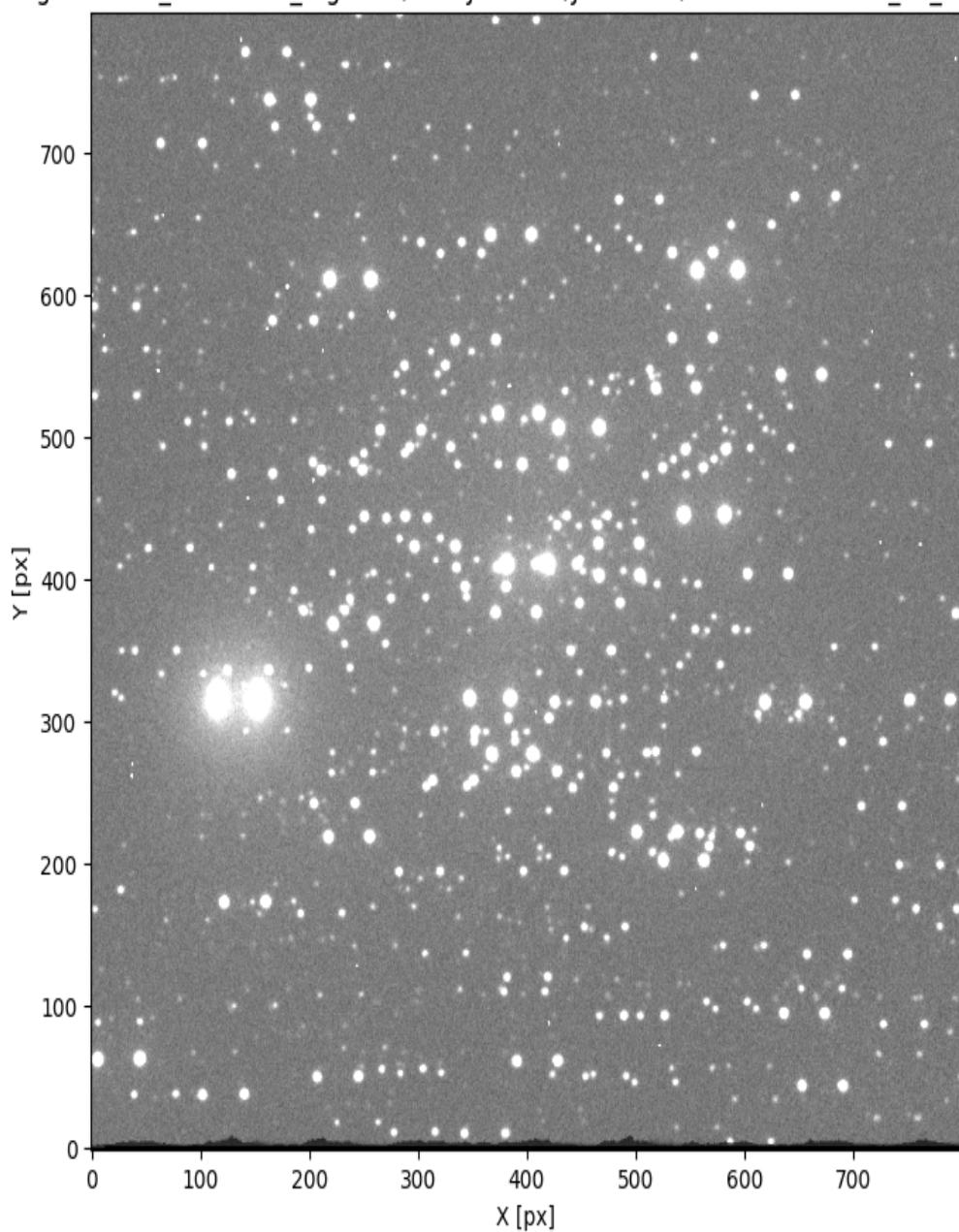
Reference Image noche1\_20230720\_organize/XMMJ183328/JohnsonB/caf-20230721-00\_05\_52-sci-blap\_b\_f.fits



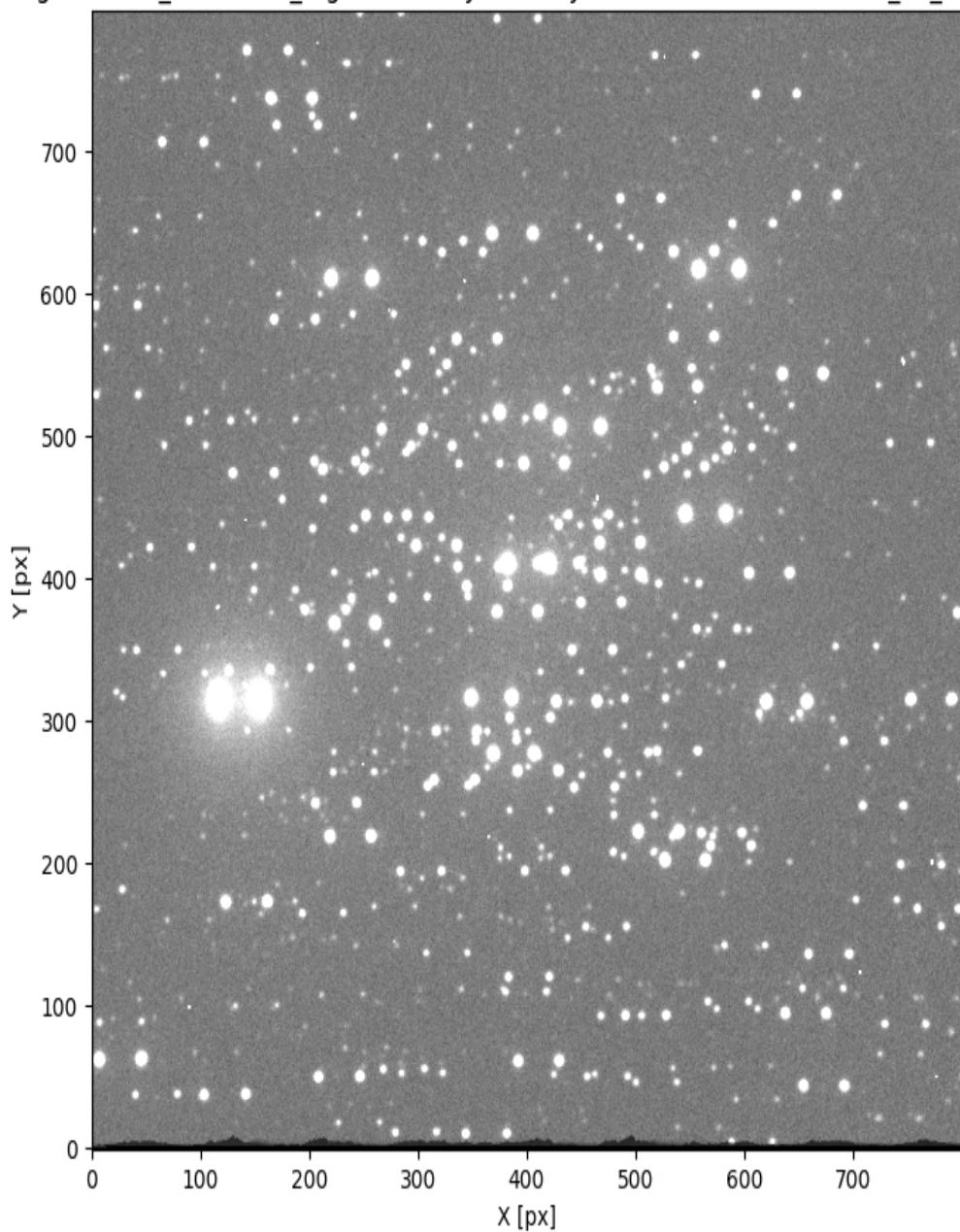
Original Image noche1\_20230720\_organize/XMMJ183328/JohnsonB/caf-20230721-00\_07\_55-sci-blap\_b\_f.fits



Original Image noche1\_20230720\_organize/XMMJ183328/JohnsonB/caf-20230721-00\_09\_59-sci-blap\_b\_f.fits

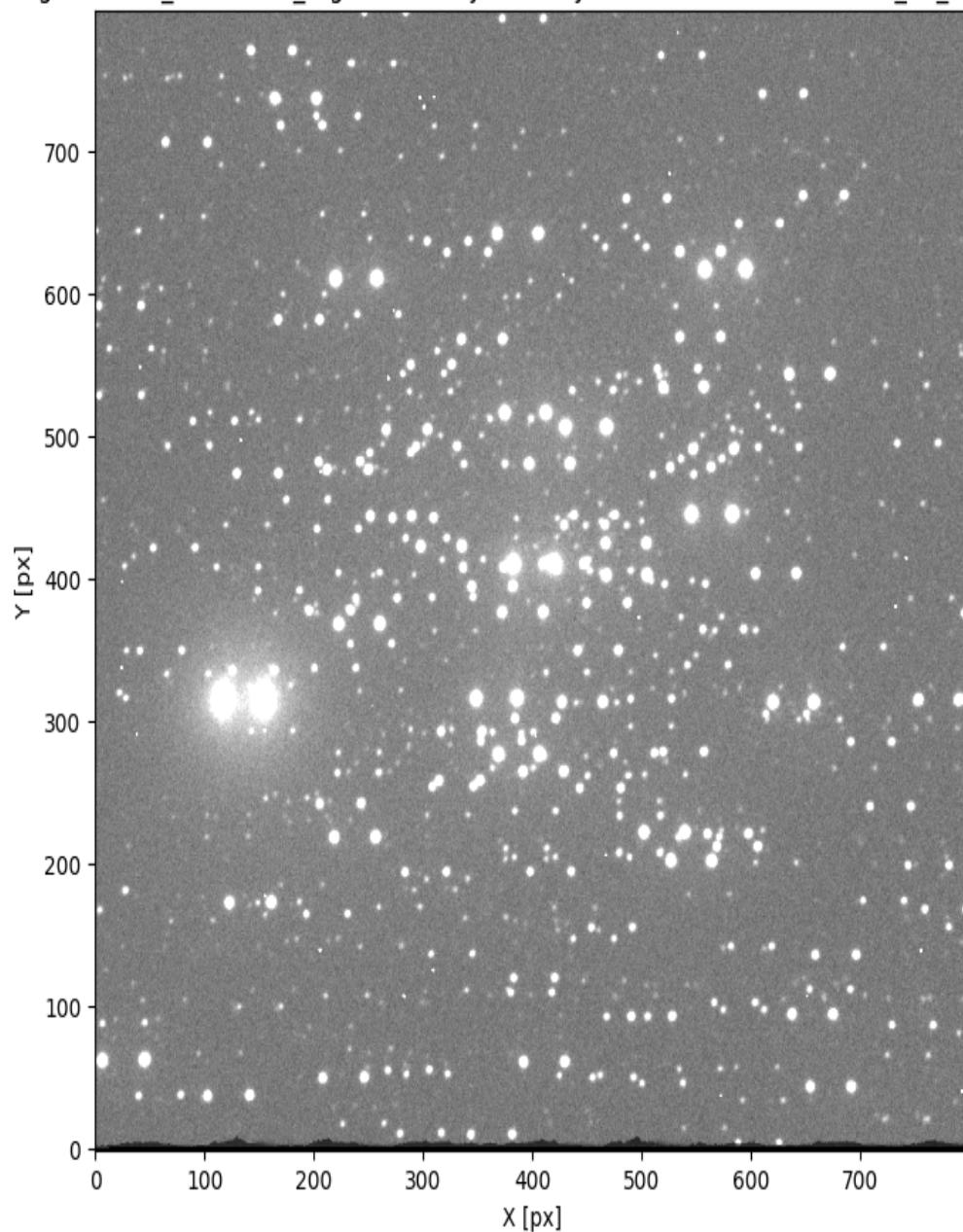


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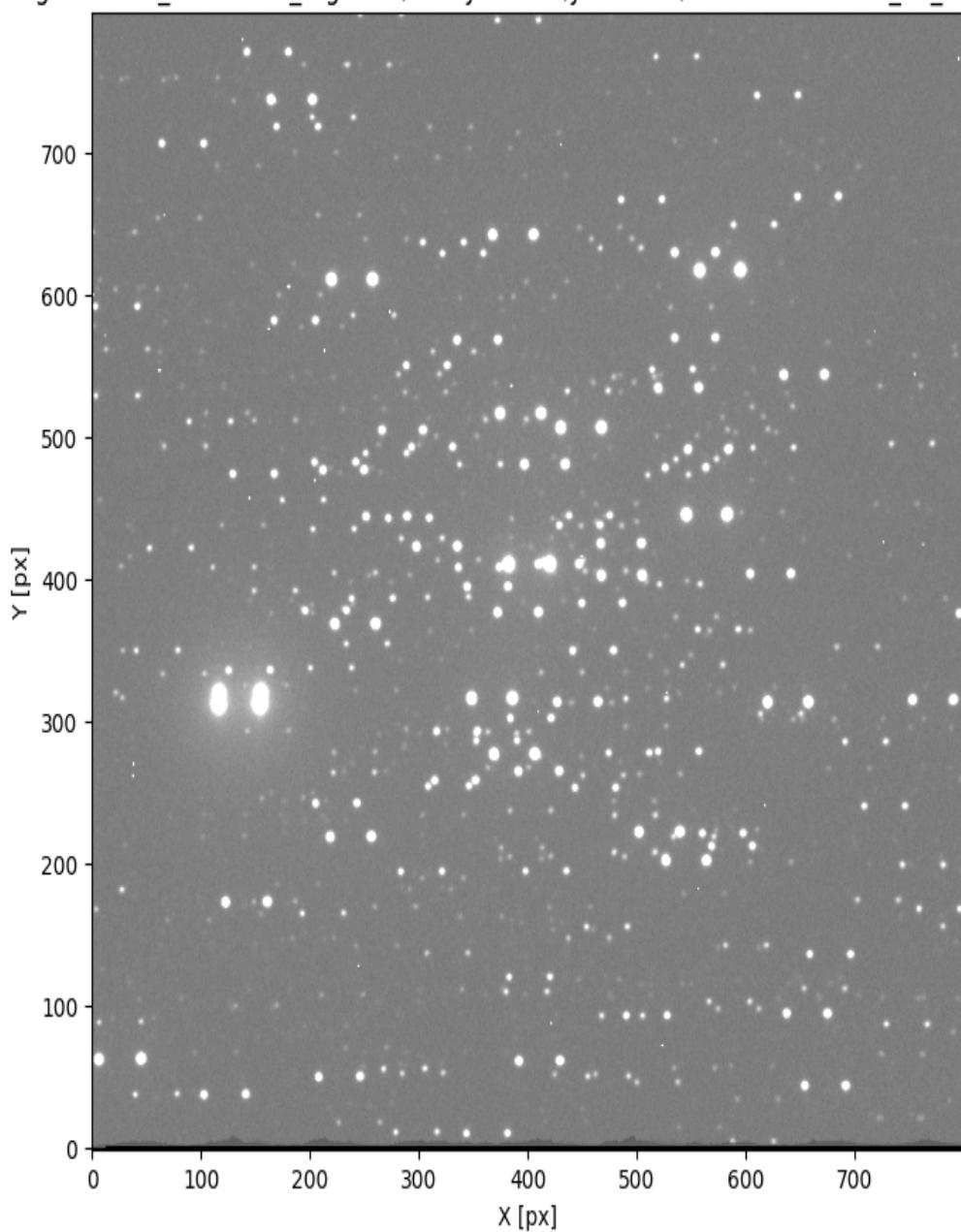


## 2. Imágenes alineadas

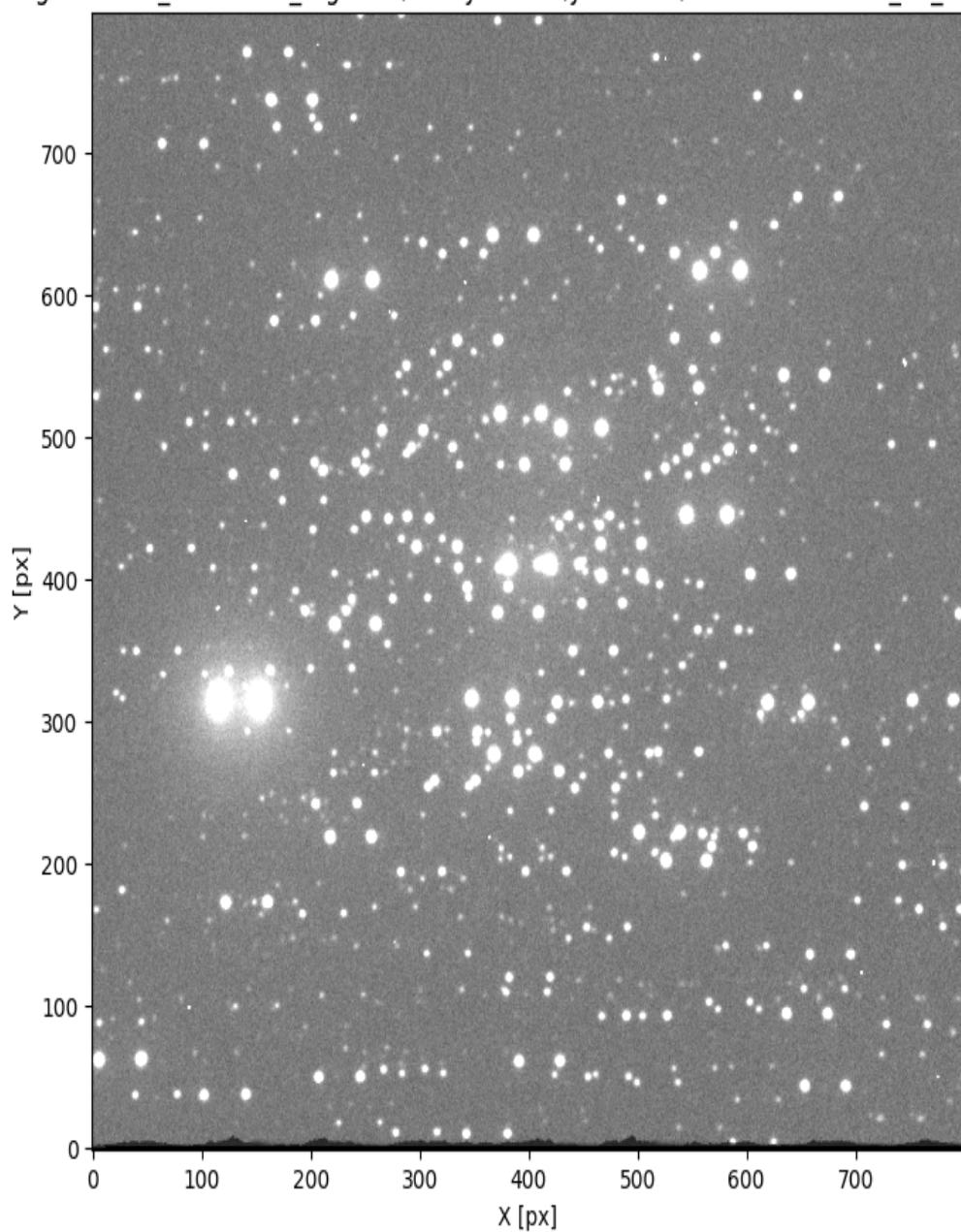
Aligned Image noche1\_20230720\_organize/XMMJ183328/JohnsonB/caf-20230721-00\_07\_55-sci-blap\_b\_f.fits



Aligned Image noche1\_20230720\_organize/XMMJ183328/JohnsonB/caf-20230721-00\_09\_59-sci-blap\_b\_f.fits

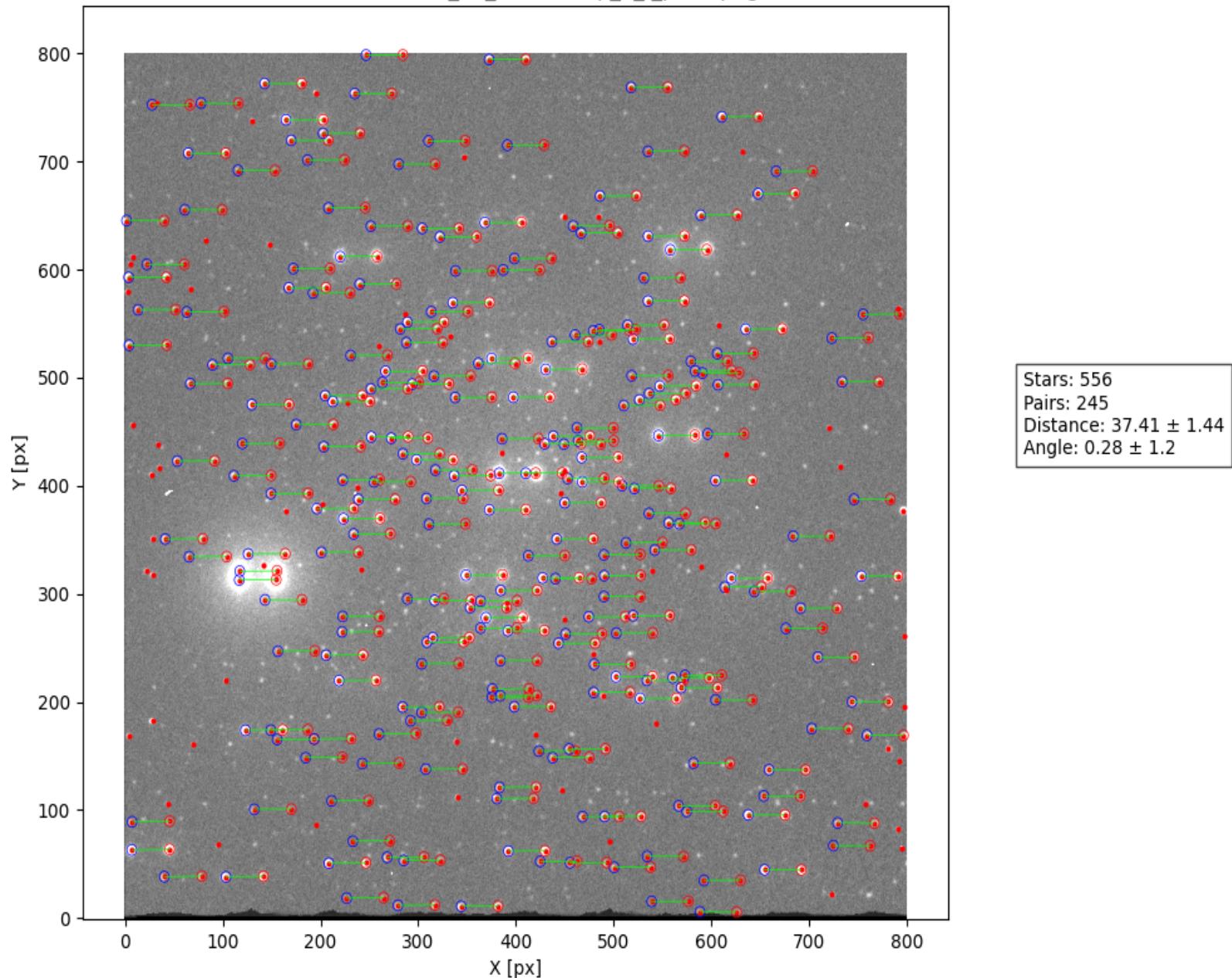


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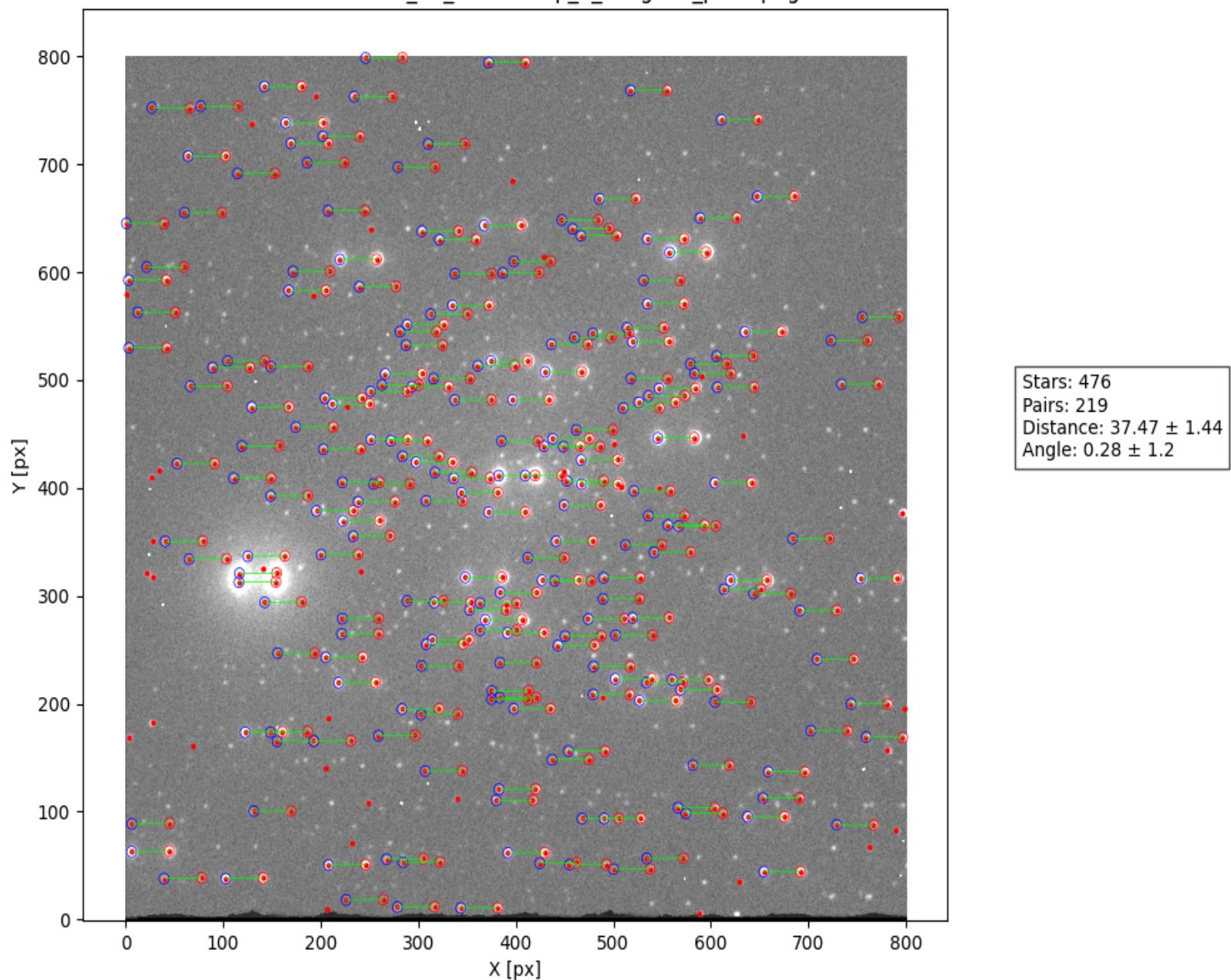


### 3. Imágenes con pares identificados

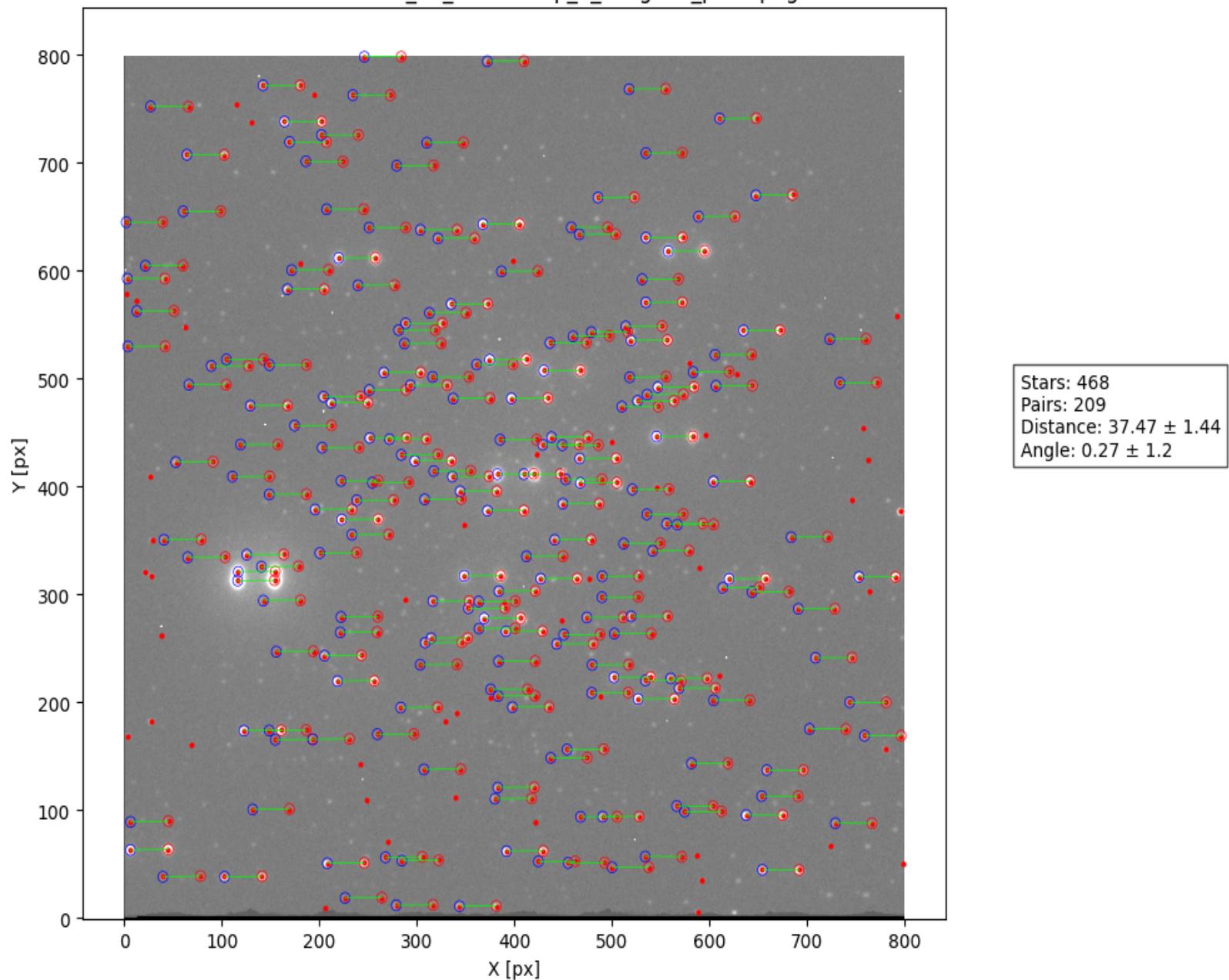
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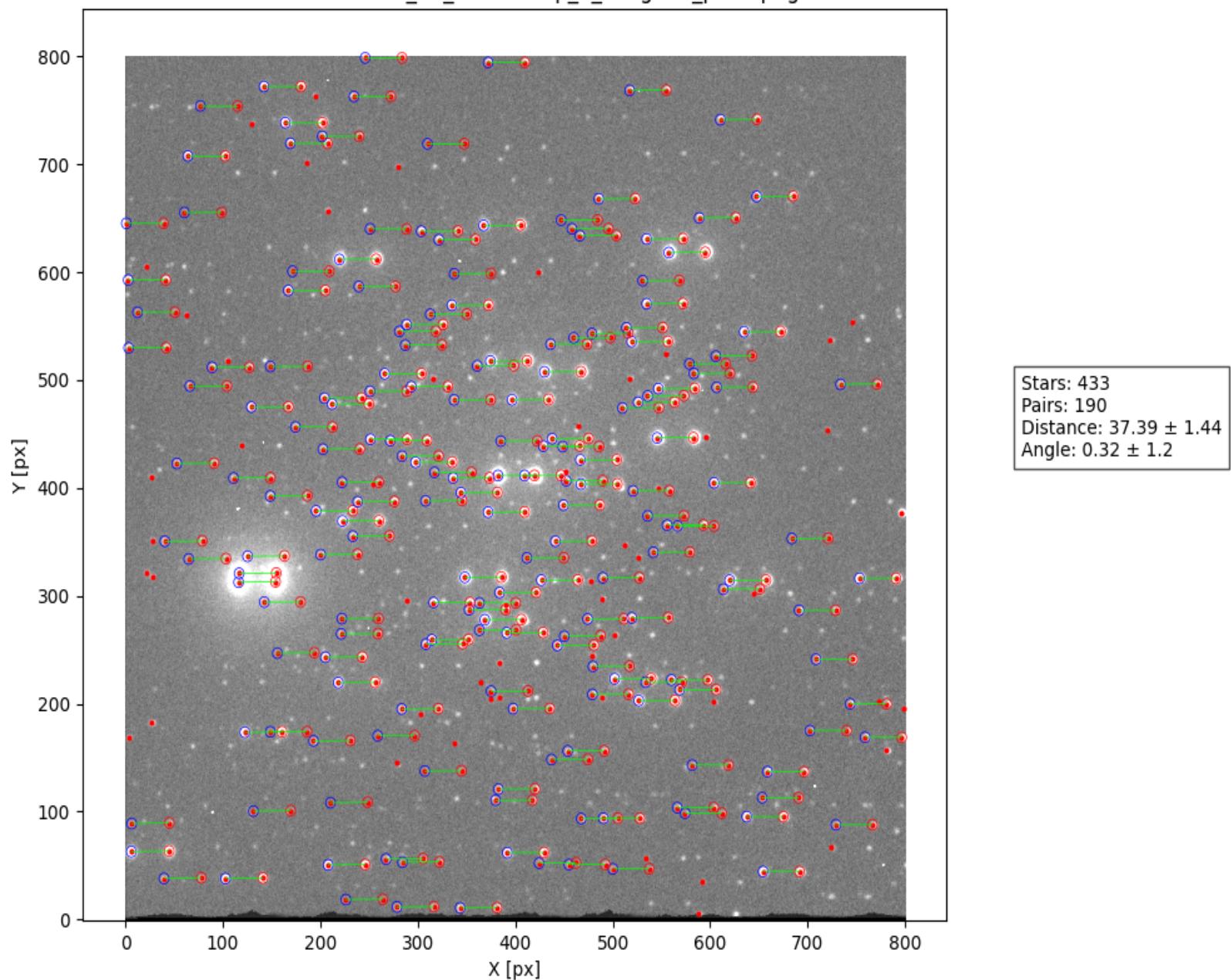
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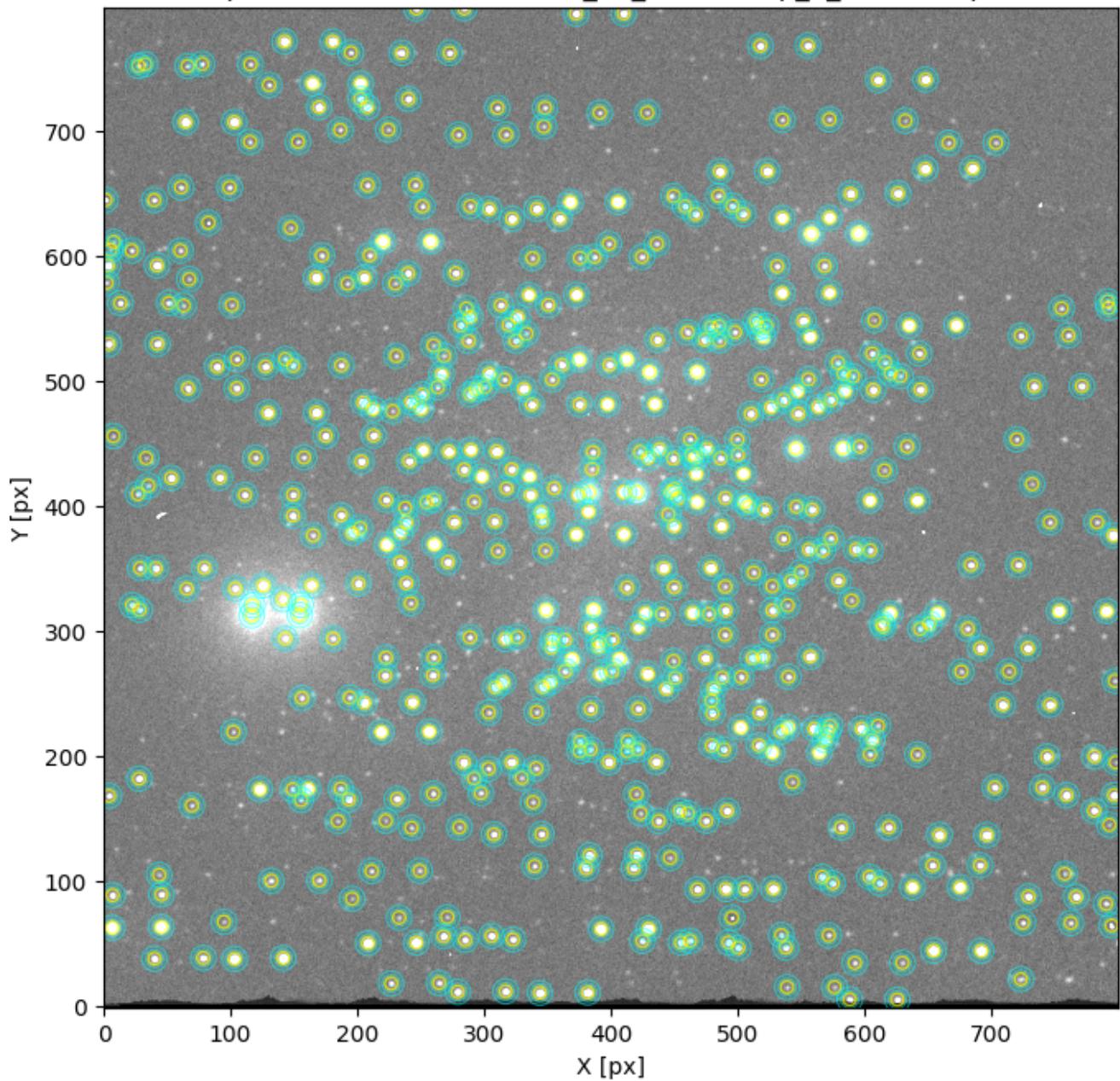


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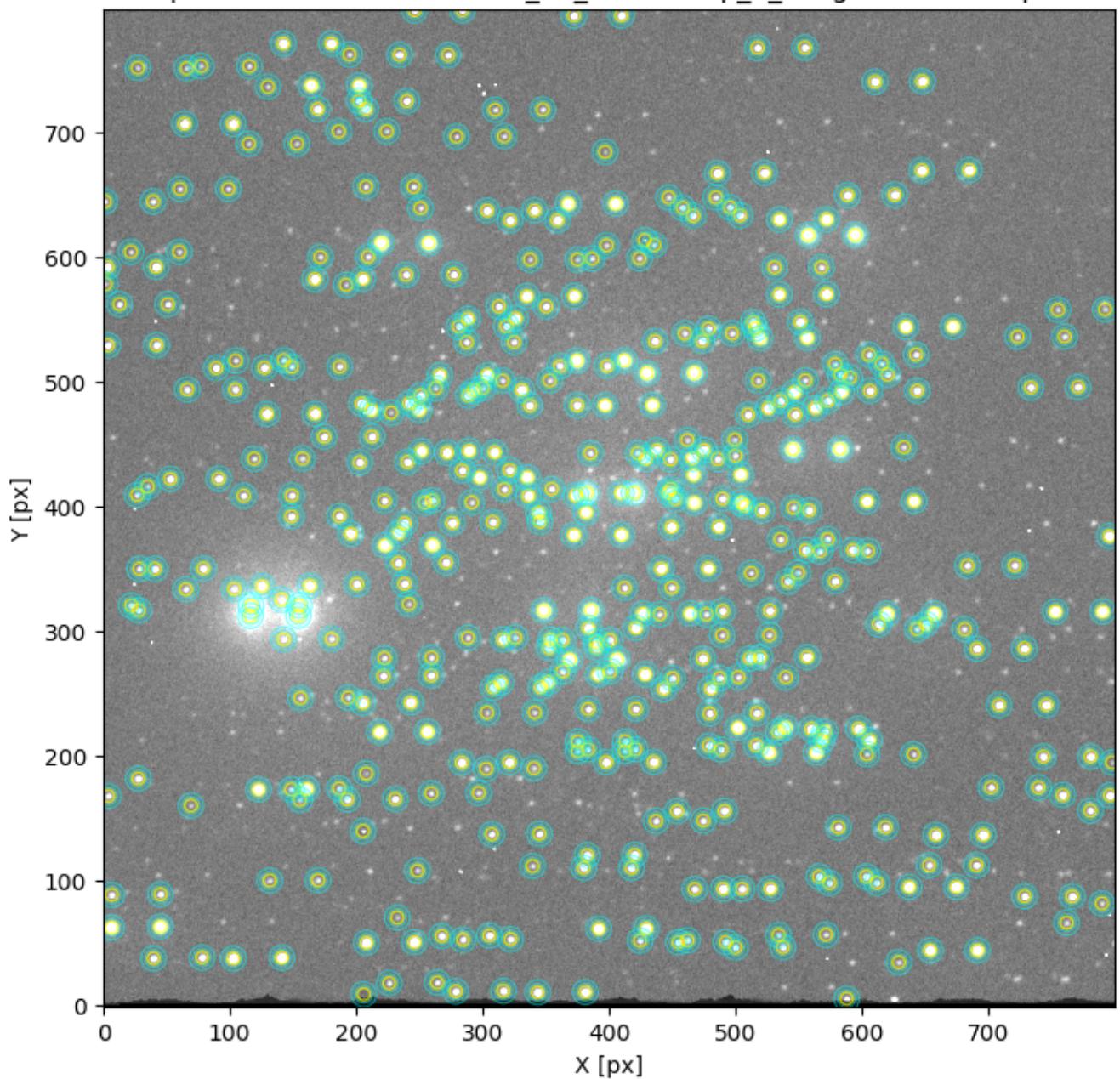


## 4. Fotometría — Aperturas

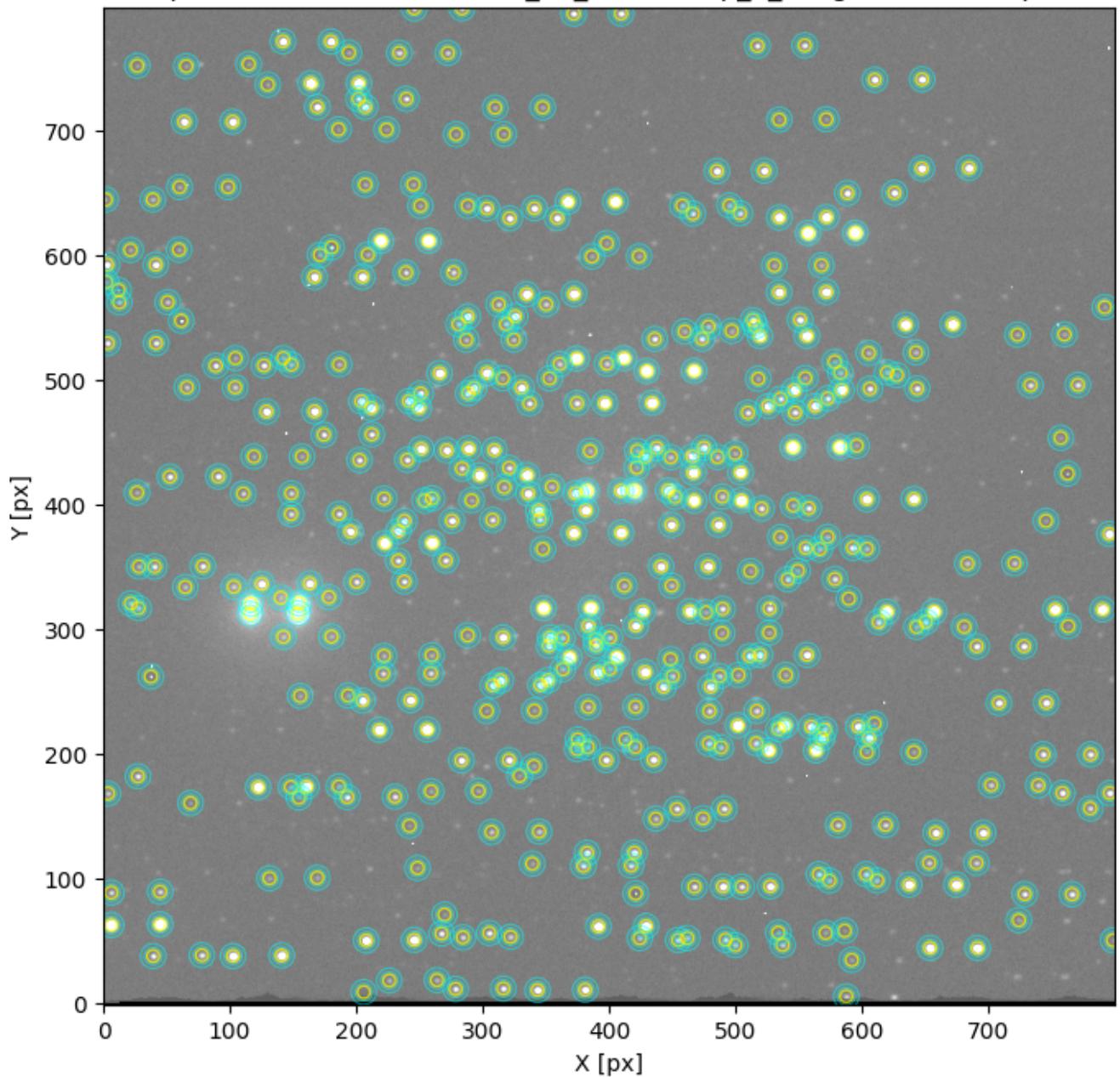
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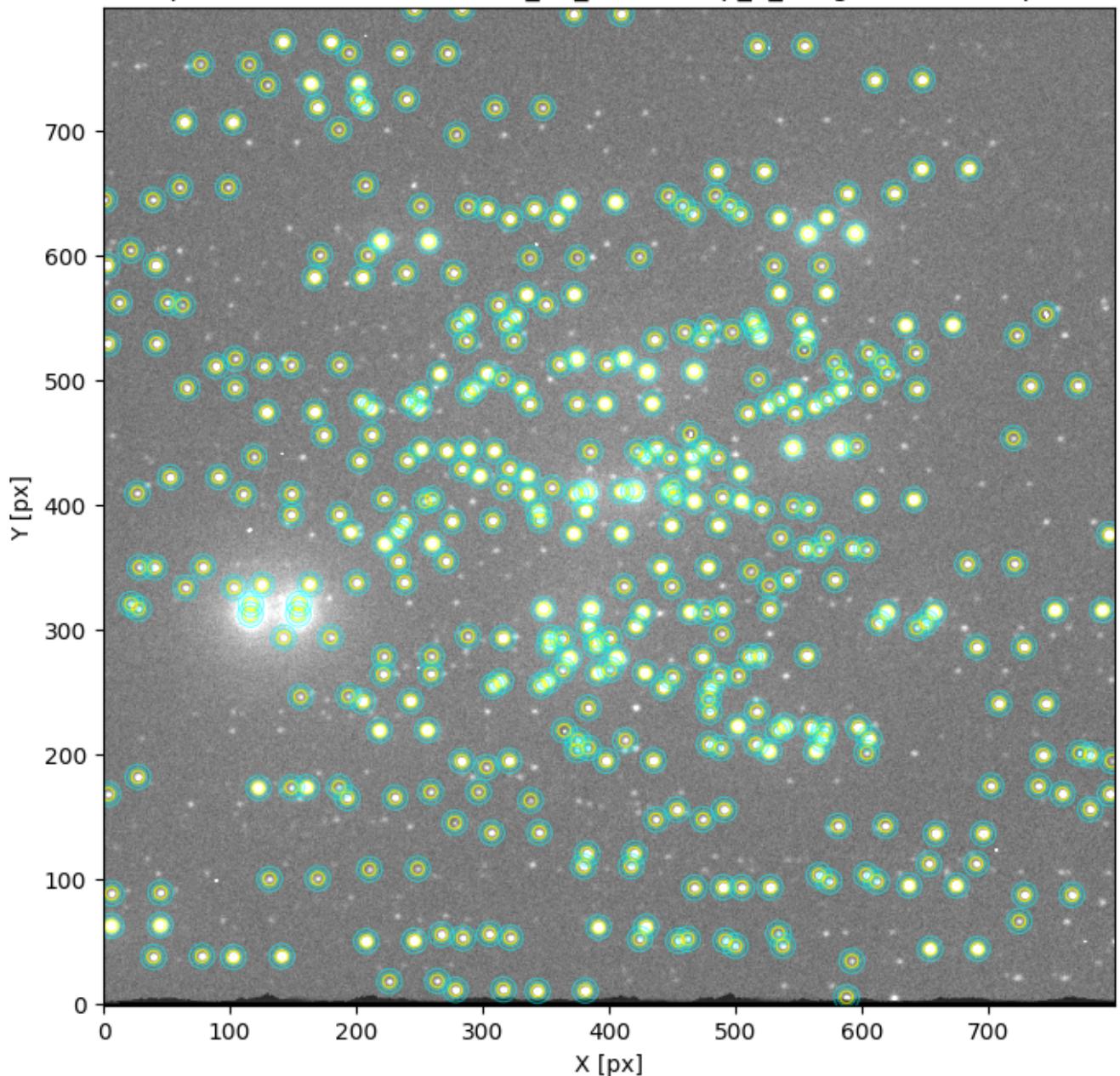
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Apertures caf-20230721-00\_09\_59-sci-blap\_b\_f-aligned.fits (r=5px)

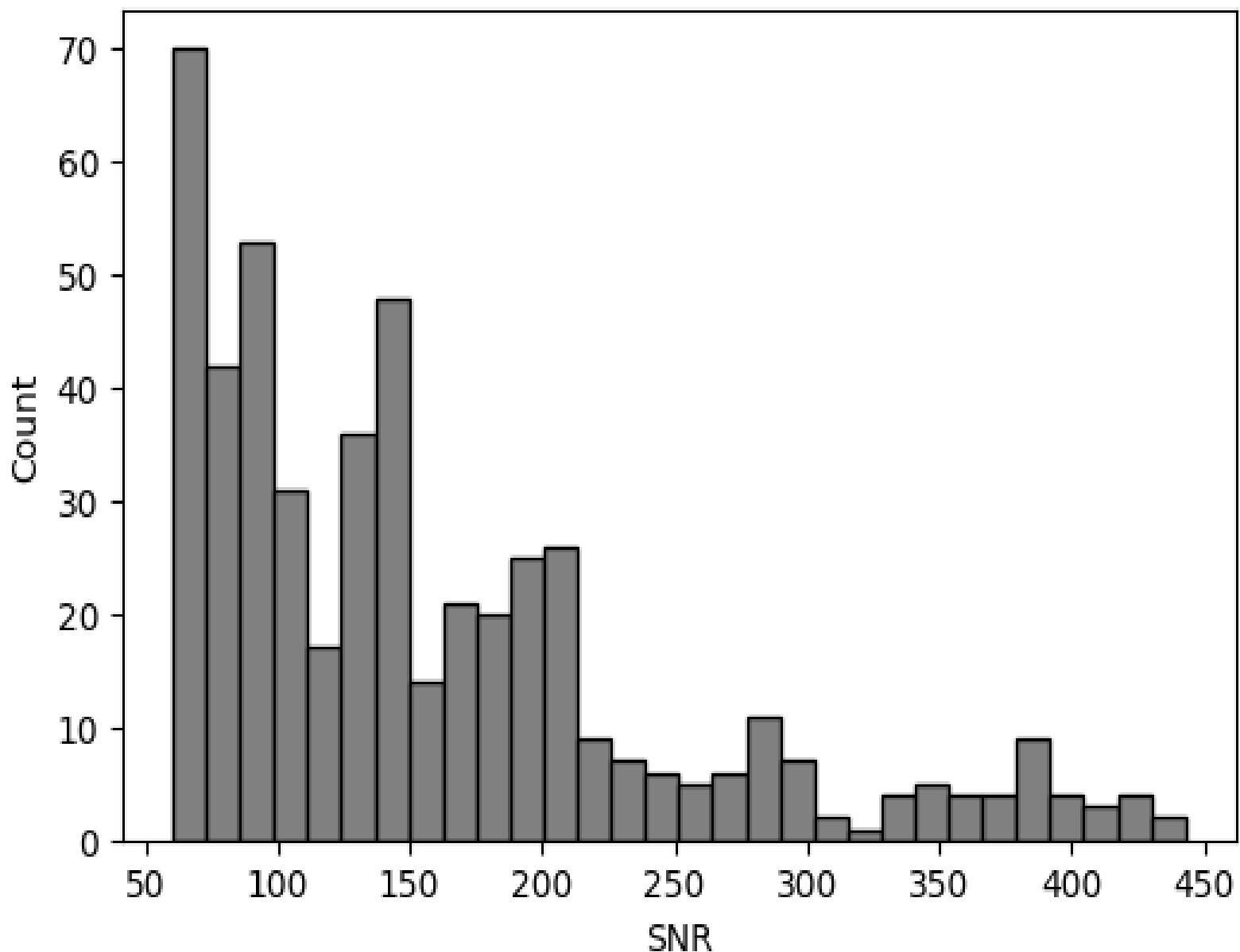


Apertures caf-20230721-00\_12\_03-sci-blap\_b\_f-aligned.fits (r=5px)

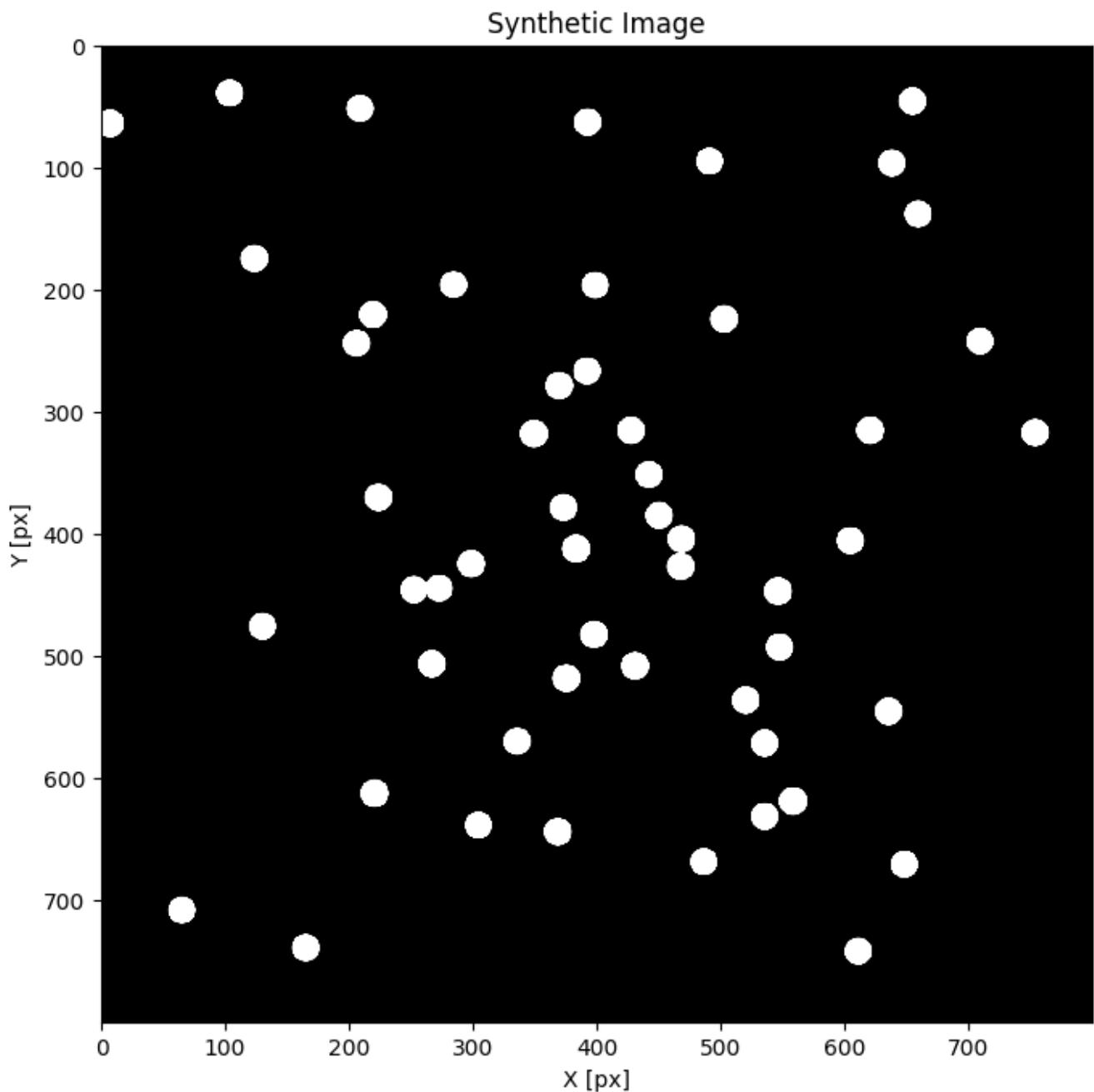


## 4. Fotometría — Histograma de SNR

Distribution of Photometry SNR



## 5. Astrometría — Imagen sintética



## 5. Astrometría — Resultados SIMBAD

Par	RA (°)	DEC (°)	Simbad ID	Object Type
7	278.310913	-10.441279	Gaia DR3 4155017715112890624	Star
8	278.314839	-10.360940	UCAC4 399-080906	Star
10	278.313332	-10.426033	NGC 6649 71	Star
16	278.315975	-10.399318	NGC 6649 74	Star
17	278.314105	-10.455446	UCAC4 398-084084	Star
23	278.321245	-10.385128	NGC 6649 76	Star
24	278.322272	-10.363646	UCAC4 399-080906	Star
32	278.328575	-10.360757	GES J18331889-1021381	Star
44	278.331090	-10.439135	UCAC4 398-084101	Star
49	278.335130	-10.415826	NGC 6649 45	Star
50	278.335791	-10.399155	NGC 6649 46	Star
59	278.338411	-10.425439	NGC 6649 44	Star
62	278.340471	-10.384110	NGC 6649 48	Star
67	278.344322	-10.354007	Gaia DR3 4155024926353433856	Star
68	278.341822	-10.427504	NGC 6649 43	Star
76	278.346181	-10.400504	NGC 6649 24	Star
79	278.347853	-10.403834	NGC 6649 23	Star
95	278.353614	-10.395566	NGC 6649 17	Star
96	278.354671	-10.367363	2MASS J18332515-1022018	Star
97	278.355707	-10.347892	UCAC2 28238305	Be*
98	278.353569	-10.407028	NGC 6649 19	Star
109	278.359052	-10.393664	NGC 6649 16	Be*
115	278.360644	-10.425616	2MASS J18332658-1025317	RedSG
117	278.362676	-10.403873	NGC 6649 8	Star
119	278.364062	-10.392635	NGC 6649 15	Star
128	278.367043	-10.390112	NGC 6649 14	Star
130	278.367994	-10.370185	UCAC4 399-080995	Star
134	278.367753	-10.402575	NGC 6649 9	Be*
138	278.369134	-10.414992	NGC 6649 5	Star
139	278.370384	-10.390318	NGC 6649 13	Star
146	278.371958	-10.418877	NGC 6649 4	Star
148	278.372030	-10.421847	NGC 6649 3	Star
150	278.373841	-10.378936	NGC 6649 28	Star

155	278.375809	-10.439842	NGC 6649 41	Star
159	278.378273	-10.400840	NGC 6649 34	Star
163	278.380649	-10.378995	NGC 6649 30	Star
172	278.381123	-10.420058	NGC 6649 37	Star
174	278.382290	-10.396132	NGC 6649 33	Star
180	278.383471	-10.404280	NGC 6649 35	Star
186	278.386951	-10.383218	NGC 6649 31	Star
192	278.388968	-10.366392	GES J18333339-1021584	Star
199	278.390929	-10.410350	NGC 6649 40	Star
200	278.392266	-10.381169	NGC 6649 57	Star
211	278.396625	-10.427385	V* V367 Sct	ClassicalCep
212	278.399455	-10.378070	NGC 6649 58	Star
214	278.401192	-10.381474	NGC 6649 59	Be*
216	278.400965	-10.415290	NGC 6649 63	Star
219	278.402124	-10.405958	NGC 6649 61	Star
224	278.406444	-10.388864	Gaia DR3 4155021254165908608	Star
225	278.407685	-10.365186	GES J18333788-1021542	Star
230	278.409997	-10.450582	GES J18333842-1027012	Star
236	278.415133	-10.436161	UCAC4 398-084235	Star
237	278.418064	-10.370992	GES J18334036-1022151	Star

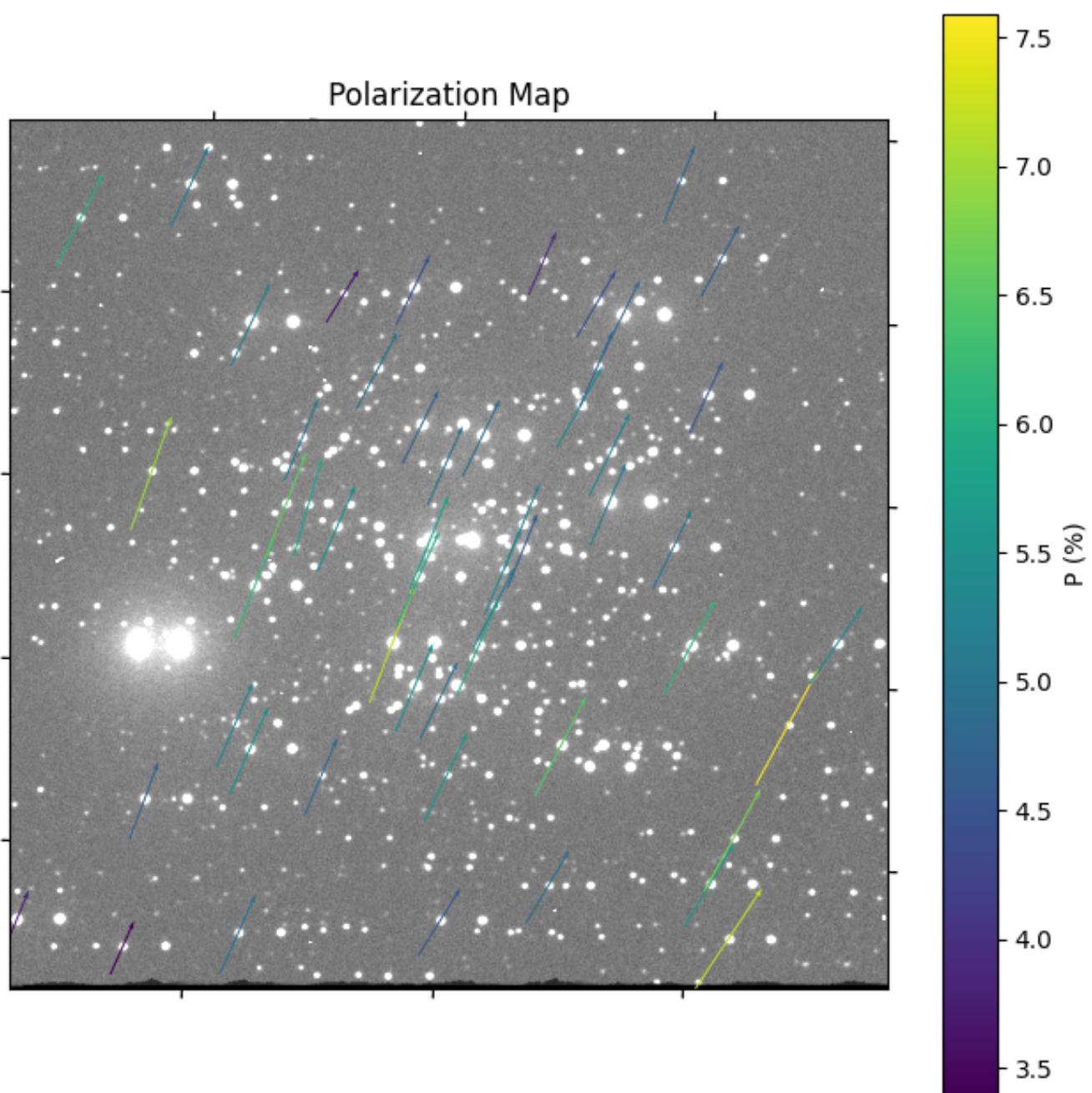
## 6. Polarimetría — Tabla de parámetros

Par	q (%)	u (%)	P (%)	θ (°)	Error (%)
7	-2.29	2.51	3.40	66.21	0.00
8	-2.86	6.60	7.19	56.70	0.00
10	-3.31	3.69	4.96	65.95	0.00
16	-2.05	4.08	4.56	58.35	0.00
17	-2.70	2.60	3.75	68.06	0.00
23	-2.34	4.29	4.89	59.32	0.00
24	-2.68	4.91	5.59	59.34	0.00
32	-3.64	5.66	6.73	61.39	0.00
44	-3.61	3.05	4.72	69.88	0.00
49	-3.40	3.46	4.85	67.26	0.00
50	-3.53	4.41	5.65	64.35	0.00
59	-3.73	4.05	5.50	66.31	0.00
62	-3.80	5.24	6.47	62.98	0.00
67	-4.22	6.31	7.59	61.88	0.00
68	-3.70	3.83	5.33	67.03	0.00
76	-3.11	3.85	4.95	64.46	0.00
79	-3.81	3.93	5.48	67.04	0.00
95	-4.06	4.36	5.96	66.48	0.00
96	-3.37	5.11	6.12	61.69	0.00
97	-2.00	5.00	5.38	55.88	0.00
98	-5.36	4.76	7.17	69.21	0.00
109	-3.08	4.16	5.18	63.25	0.00
115	-4.57	4.18	6.20	68.78	0.00
117	-4.00	4.44	5.98	66.03	0.00
119	-3.71	3.83	5.33	67.06	0.00
128	-3.35	3.18	4.62	68.21	0.00
130	-3.13	4.00	5.08	64.01	0.00
134	-4.16	4.10	5.84	67.69	0.00
138	-3.69	4.02	5.45	66.26	0.00
139	-3.76	3.72	5.29	67.66	0.00
146	-4.97	3.11	5.86	73.98	0.00
148	-4.88	4.38	6.56	69.06	0.00
150	-3.58	3.78	5.21	66.75	0.00

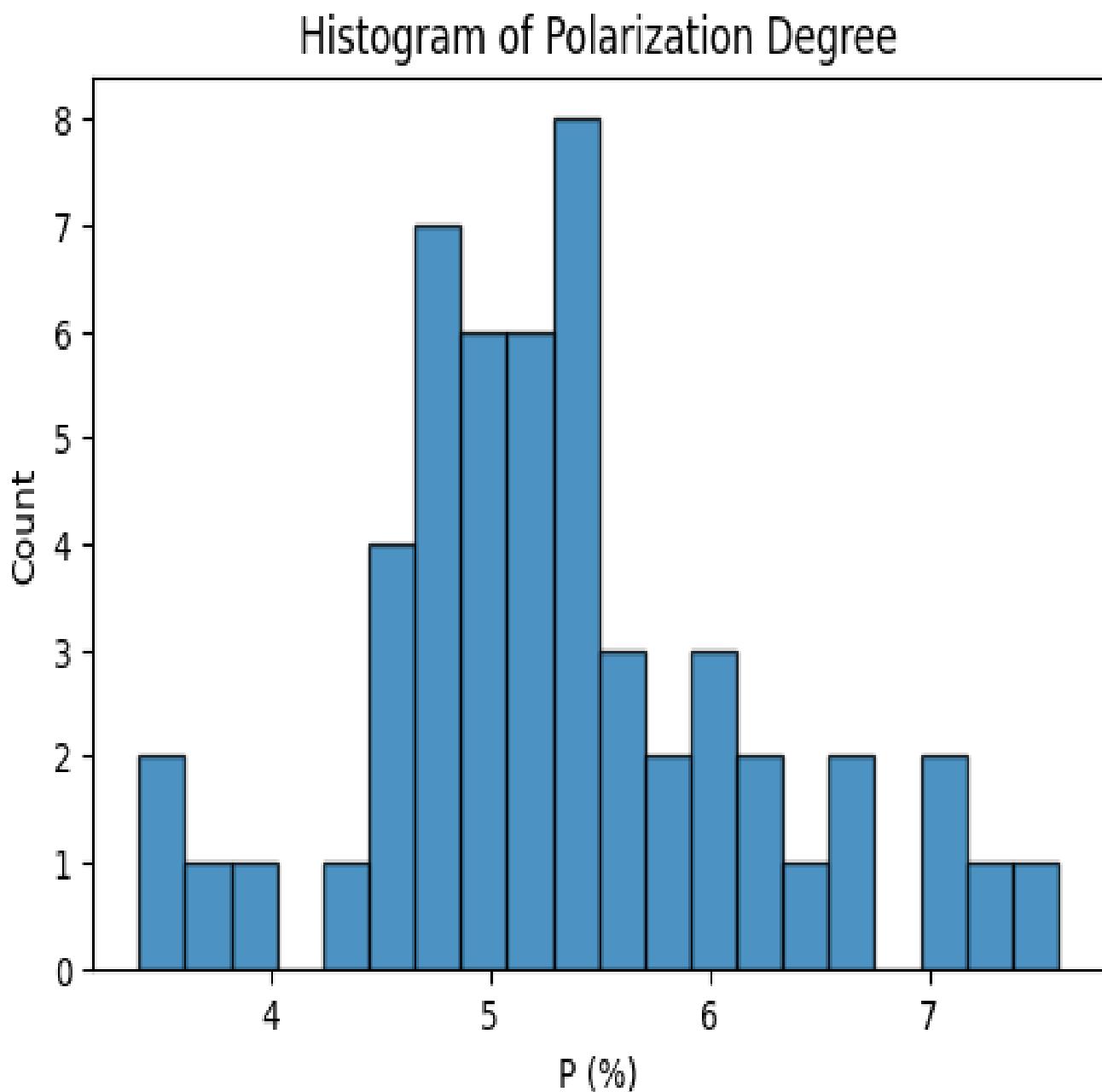
155	-5.41	4.40	6.98	70.44	0.00
159	-3.37	3.69	5.00	66.20	0.00
163	-3.27	4.18	5.31	64.02	0.00
172	-3.63	3.57	5.09	67.74	0.00
174	-3.07	3.81	4.89	64.40	0.00
180	-2.90	3.72	4.72	63.94	0.00
186	-2.81	4.57	5.37	60.81	0.00
192	-2.97	3.46	4.56	65.29	0.00
199	-2.80	4.12	4.98	62.09	0.00
200	-3.23	3.47	4.75	66.47	0.00
211	-3.35	4.01	5.22	64.92	0.00
212	-2.93	3.80	4.79	63.81	0.00
214	-2.18	3.87	4.44	59.67	0.00
216	-1.66	3.19	3.60	58.70	0.00
219	-2.83	3.47	4.48	64.58	0.00
224	-2.70	2.89	3.96	66.53	0.00
225	-2.67	3.85	4.69	62.34	0.00
230	-3.65	4.78	6.01	63.69	0.00
236	-3.32	3.93	5.14	65.12	0.00
237	-3.47	3.32	4.80	68.14	0.00

## 6. Polarimetría — Mapa de polarización

Polarization Map

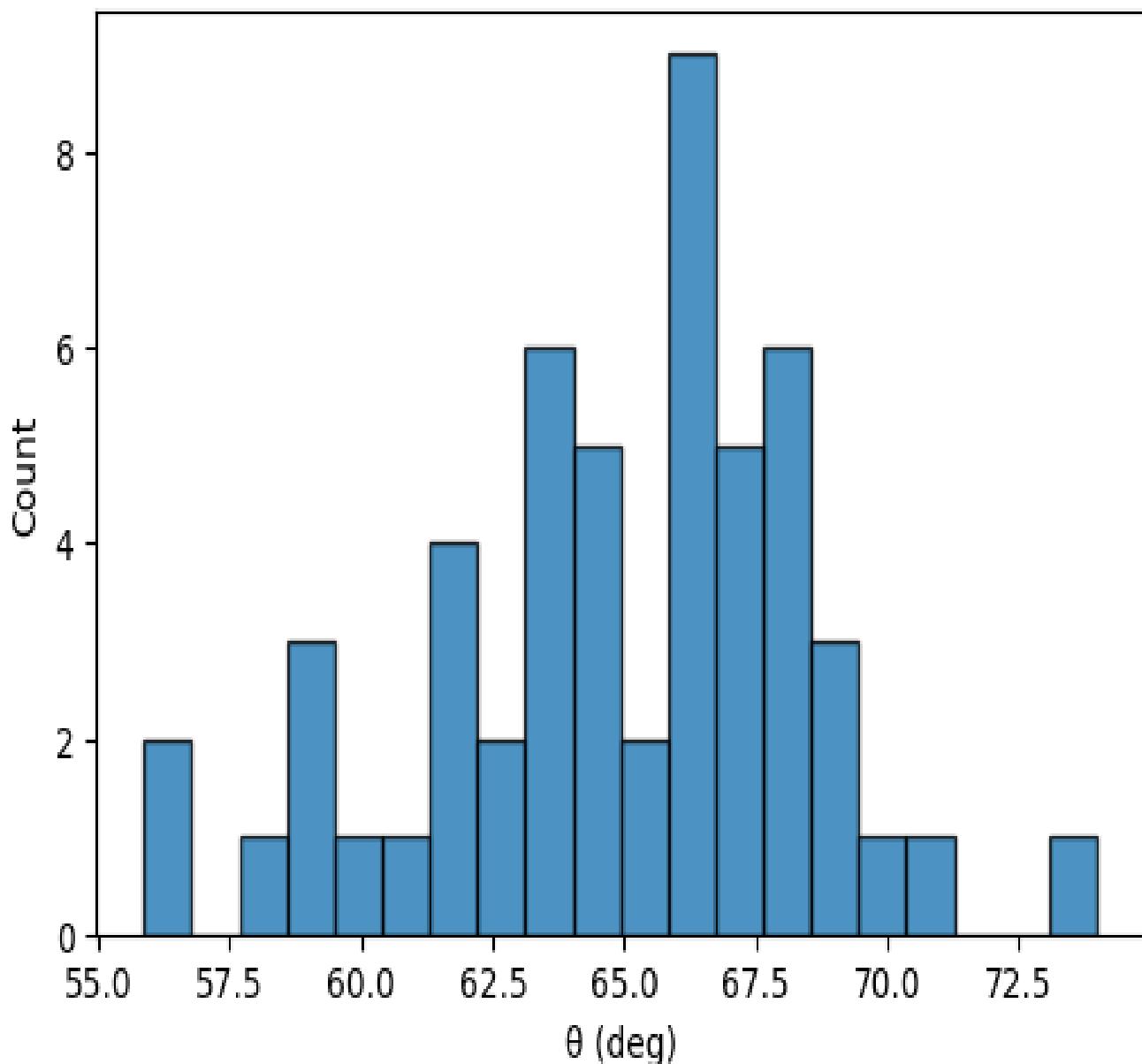


## 6. Polarimetría — Histograma de P



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

Histogram of Polarization Angle



## 6. Polarimetría — Diagrama Q–U

Q–U Diagram

