



ANÁLISIS DE IMÁGENES

Actividad 1.3 El histograma

Valor	Incidencia	Probabilidad	Media	Varianza
0	0	0	0	0
1	3	0.046875	0.046875	359.656174
2	0	0	0	0
3	0	0	0	0
4	2	0.03125	0.125	223.628204
5	0	0	0	0
6	1	0.015625	0.09375	106.589493
7	1	0.015625	0.109375	104.024063
8	0	0	0	0
9	2	0.03125	0.28125	197.973907
10	2	0.03125	0.3125	193.030548
11	1	0.015625	0.171875	94.0748444
12	1	0.015625	0.1875	91.6656647
13	1	0.015625	0.203125	89.287735
14	0	0	0	0
15	2	0.03125	0.46875	169.251251
16	1	0.015625	0.25	82.3414459
17	0	0	0	0
18	1	0.015625	0.28125	77.8668365
19	1	0.015625	0.296875	75.6764069
20	3	0.046875	0.9375	220.551682
21	1	0.015625	0.328125	71.3892975

Integrantes:

Paredes Rivas Alberto

Varela Cruz Cesar Alejandro

Grupo: 3CM7

Media = 88.59375

Varianza = 7751.33496

A=

170	125	1	85	224	255	239	15
218	118	98	1	200	254	35	97
41	101	98	11	210	200	35	95
23	15	7	147	208	200	200	16
4	6	13	20	210	210	22	22
10	4	20	20	226	23	23	22
10	12	19	21	226	226	22	23
1	18	125	22	226	104	9	9

Valor	Incidencia	Probabilidad	Media	Varianza
22	5	0.078125	1.71875	346.463089
23	4	0.0625	1.4375	268.908752
24	0	0	0	0
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	2	0.03125	1.09375	89.7590637
36	0	0	0	0
37	0	0	0	0
38	0	0	0	0
39	0	0	0	0
40	0	0	0	0
41	1	0.015625	0.640625	35.3932037
42	0	0	0	0
43	0	0	0	0
44	0	0	0	0
45	0	0	0	0
46	0	0	0	0
47	0	0	0	0
48	0	0	0	0

Valor	Incidencia	Probabilidad	Media	Varianza
49	0	0	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
53	0	0	0	0
54	0	0	0	0
55	0	0	0	0
56	0	0	0	0
57	0	0	0	0
58	0	0	0	0
59	0	0	0	0
60	0	0	0	0
61	0	0	0	0
62	0	0	0	0
63	0	0	0	0
64	0	0	0	0
65	0	0	0	0
66	0	0	0	0
67	0	0	0	0
68	0	0	0	0
69	0	0	0	0
70	0	0	0	0
71	0	0	0	0
72	0	0	0	0
73	0	0	0	0
74	0	0	0	0
75	0	0	0	0

Valor	Incidencia	Probabilidad	Media	Varianza
76	0	0	0	0
77	0	0	0	0
78	0	0	0	0
79	0	0	0	0
80	0	0	0	0
81	0	0	0	0
82	0	0	0	0
83	0	0	0	0
84	0	0	0	0
85	1	0.015625	1.328125	0.20179749
86	0	0	0	0
87	0	0	0	0
88	0	0	0	0
89	0	0	0	0
90	0	0	0	0
91	0	0	0	0
92	0	0	0	0
93	0	0	0	0
94	0	0	0	0
95	1	0.015625	1.484375	0.64125061
96	0	0	0	0
97	1	0.015625	1.515625	1.10414124
98	2	0.03125	3.0625	2.7649231
99	0	0	0	0
100	0	0	0	0
101	1	0.015625	1.578125	2.40492249
102	0	0	0	0

Valor	Incidencia	Probabilidad	Media	Varianza
103	0	0	0	0
104	1	0.015625	1.625	3.70863342
105	0	0	0	0
106	0	0	0	0
107	0	0	0	0
108	0	0	0	0
109	0	0	0	0
110	0	0	0	0
111	0	0	0	0
112	0	0	0	0
113	0	0	0	0
114	0	0	0	0
115	0	0	0	0
116	0	0	0	0
117	0	0	0	0
118	1	0.015625	1.84375	13.5113678
119	0	0	0	0
120	0	0	0	0
121	0	0	0	0
122	0	0	0	0
123	0	0	0	0
124	0	0	0	0
125	2	0.03125	3.90625	41.41922
126	0	0	0	0
127	0	0	0	0
128	0	0	0	0
129	0	0	0	0

Valor	Incidencia	Probabilidad	Media	Varianza
130	0	0	0	0
131	0	0	0	0
132	0	0	0	0
133	0	0	0	0
134	0	0	0	0
135	0	0	0	0
136	0	0	0	0
137	0	0	0	0
138	0	0	0	0
139	0	0	0	0
140	0	0	0	0
141	0	0	0	0
142	0	0	0	0
143	0	0	0	0
144	0	0	0	0
145	0	0	0	0
146	0	0	0	0
147	1	0.015625	2.296875	53.3014069
148	0	0	0	0
149	0	0	0	0
150	0	0	0	0
151	0	0	0	0
152	0	0	0	0
153	0	0	0	0
154	0	0	0	0
155	0	0	0	0
156	0	0	0	0

Valor	Incidencia	Probabilidad	Media	Varianza
157	0	0	0	0
158	0	0	0	0
159	0	0	0	0
160	0	0	0	0
161	0	0	0	0
162	0	0	0	0
163	0	0	0	0
164	0	0	0	0
165	0	0	0	0
166	0	0	0	0
167	0	0	0	0
168	0	0	0	0
169	0	0	0	0
170	1	0.015625	2.65625	103.546524
171	0	0	0	0
172	0	0	0	0
173	0	0	0	0
174	0	0	0	0
175	0	0	0	0
176	0	0	0	0
177	0	0	0	0
178	0	0	0	0
179	0	0	0	0
180	0	0	0	0
181	0	0	0	0
182	0	0	0	0
183	0	0	0	0

Valor	Incidencia	Probabilidad	Media	Varianza
184	0	0	0	0
185	0	0	0	0
186	0	0	0	0
187	0	0	0	0
188	0	0	0	0
189	0	0	0	0
190	0	0	0	0
191	0	0	0	0
192	0	0	0	0
193	0	0	0	0
194	0	0	0	0
195	0	0	0	0
196	0	0	0	0
197	0	0	0	0
198	0	0	0	0
199	0	0	0	0
200	4	0.0625	12.5	775.709534
201	0	0	0	0
202	0	0	0	0
203	0	0	0	0
204	0	0	0	0
205	0	0	0	0
206	0	0	0	0
207	0	0	0	0
208	1	0.015625	3.25	222.778946
209	0	0	0	0
210	3	0.046875	9.84375	690.91301

Valor	Incidencia	Probabilidad	Media	Varianza
211	0	0	0	0
212	0	0	0	0
213	0	0	0	0
214	0	0	0	0
215	0	0	0	0
216	0	0	0	0
217	0	0	0	0
218	1	0.015625	3.40625	261.655899
219	0	0	0	0
220	0	0	0	0
221	0	0	0	0
222	0	0	0	0
223	0	0	0	0
224	1	0.015625	3.5	286.482071
225	0	0	0	0
226	4	0.0625	14.125	1180.02985
227	0	0	0	0
228	0	0	0	0
229	0	0	0	0
230	0	0	0	0
231	0	0	0	0
232	0	0	0	0
233	0	0	0	0
234	0	0	0	0
235	0	0	0	0
236	0	0	0	0
237	0	0	0	0

Valor	Incidencia	Probabilidad	Media	Varianza
238	0	0	0	0
239	1	0.015625	3.734375	353.469376
240	0	0	0	0
241	0	0	0	0
242	0	0	0	0
243	0	0	0	0
244	0	0	0	0
245	0	0	0	0
246	0	0	0	0
247	0	0	0	0
248	0	0	0	0
249	0	0	0	0
250	0	0	0	0
251	0	0	0	0
252	0	0	0	0
253	0	0	0	0
254	1	0.015625	3.96875	427.48793
255	1	0.015625	3.984375	432.672501
	64	1	88.59375	7751.33496

Histograma de grises

