

Table 3

The results of the *flip* CNN polymorphic software detection test with the size of the «state matrix» 64x64 at 3 iterations.

N	The value of the coefficients calculated by the Fadeev-Leverrier method for the activation of the CNN	Control number of contiguous «useful» datasets* (byte)	Number of fragments calculated «useful» datasets ** (byte)	Number of malicious data sets detected and likely links across multiple iterations			Number of malicious datasets detected and likely links across multiple iterations
				I	II	III	
1.	1.302154	58	11	37	45	53	3ce3794c249c1399e4a614a791c03edd80e6a3b6
							3ce3794c249c1399e4a614a791c03edd80e6a3b6
2.	1.456324	67	14	55	59	66	4fff1f12c06add9b4a372181d1f6f8442a017952
							4fff1f12c06add9b4a372181d1f6f8442a017952
3.	1.689012	78	19	64	68	76	4b967efda2f5af92d159020e3ede0e671df1d3cd
							4b967efda2f5af92d159020e3ede0e671df1d3cd
4.	1.831025	83	21	71	79	82	90f54c048699c22c0682134ba715d28ed364b55d
							d54063587044011fb7e52564069aedceb3a49375
5.	2.324012	97	22	82	87	96	1a707e376ef62913b45fbb97181e70ef3b91ea85
							1a707e376ef62913b45fbb97181e70ef3b91ea85
6.	2.402358	156	21	143	147	155	639503fc6f1d20cd37611b9fe44b16a234c41abfafd
							afd8af135da55f7fa7370570154c24d38f975197
7.	2.556321	187	27	178	179	182	f5a734c39a32c033645e6c17b2b90e580d681238
							f5a734c39a32c033645e6c17b2b90e580d681238
8.	2.623145	195	31	181	189	194	c510a7f911059bee8fdee76a8a3a996433ce38c
							d01d3b0de02eae9ef6ee30bb8fd4d24a012a246f
9.	2.753152	215	34	201	213	214	54f53062cf5cb097a7d5996ee19b95877ef3bd2d
							54f53062cf5cb097a7d5996ee19b95877ef3bd2d
10.	3.012544	229	35	223	227	227	ff434397b20d1b763536052475829ab7403ccea3
							986548311c2da0cff761772df1f4812743717190
11.	3.156424	358	39	319	342	351	c5843d62980a321000b658d73f45f250bb63954b
							c1aaea16bbcacdb11e8345a82a868463ad16dec5
12.	3.364851	367	42	348	346	362	313544577c03f4a1ebced5e45326368a083c424c
							313544577c03f4a1ebced5e45326368a083c424c
13.	3.546782	380	52	372	372	379	2f443375308fd813f51f1d5463499d99e4159f80
							2f443375308fd813f51f1d5463499d99e4159f80
14.	3.645284	387	52	380	382	385	fd8ab1653678a05771d7ea4b8460888db8d6d2bc
							fd8ab1653678a05771d7ea4b8460888db8d6d2bc
15.	3.7954213	392	59	382	387	389	1bc8ad1e2e20d8453b3c753c8305a29686d9ab0e
							cff2a0585356c1bb49621d9eb9076f5a30419d55
16.	4.235412	413	62	402	411	413	d75c5e789eabafe5d289ea1b3e9068545deae429
							d75c5e789eabafe5d289ea1b3e9068545deae429
17.	4.354978	425	71	403	421	423	137866bba5c4d5043c045fd25919bdccb32714bb
							137866bba5c4d5043c045fd25919bdccb32714bb
18.	4.823145	452	72	447	451	450	c458e7439799a86d38f3fe5911d8d8f28627a3af
							c458e7439799a86d38f3fe5911d8d8f28627a3af
19.	4.8645621	467	81	452	453	461	b8223757fa42ad103294fccdad36e73ba8cb1373
							b8223757fa42ad103294fccdad36e73ba8cb1373
20.	5.231421	492	92	482	483	490	b8223757fa42ad103294fccdad36e73ba8cb1373
							b8223757fa42ad103294fccdad36e73ba8cb1373