

14/02/2025

Amphi ABOUTAJDINE (FSR-SIEGE) PC - PHYSIQUE - 3
ALGORITHMIQUE ET PROGRAMMATION

N°	APOGEE	OBSERVATION	N°	APOGEE	OBSERVATION
1	22006723		61	23003347	
2	22006435		62	23006534	
3	21004096		63	23009498	
4	22002754		64	23005705	
5	20021512		65	22003778	
6	23007742		66	21001815	
7	23007447		67	22000109	
8	20021513		68	23004431	
9	22020142		69	17013765	
10	22003854		70	22005463	
11	22003847		71	22008706	
12	23004720		72	23004899	
13	9007857		73	23009674	
14	23009487		74	22003710	
15	12017967		75	23007179	
16	23003974		76	23006634	
17	20015555		77	23011692	
18	13018095		78	23010652	
19	23006486		79	22021019	
20	23007565		80	22005479	
21	22004255		81	23019746	
22	22002663		82	23003178	
23	21002132		83	23014034	
24	23002167		84	21019248	
25	23004355		85	20015596	
26	20015401		86	23006788	
27	22003566		87	21000328	
28	22004167		88	22003260	
29	23011787		89	23007606	
30	22003240		90	22009946	
31	22003302		91	20021546	
32	21005289		92	22007324	
33	21002465		93	20016408	
34	23011596		94	23007148	
35	23011779		95	21002548	
36	22003985		96	21003911	
37	22013495		97	22004445	
38	23006284		98	13015426	
39	20015351		99	22002654	
40	23004341		100	22004426	

41	22005024		101	23012800	
42	22009165		102	23001564	
43	22003740		103	22002947	
44	23012277		104	23004713	
45	22025857		105	22022553	
46	23011716		106	22009252	
47	23003158		107	22009905	
48	23010772		108	22003703	
49	16010022		109	21001633	
50	23010898		110	23019489	
51	23006744		111	22018363	
52	23003935		112	21014501	
53	23010919		113	23003925	
54	20023237		114	22004494	
55	23005689		115	22002656	
56	21011508		116	22002748	
57	22003568		117	22007125	
58	23005630		118	22002733	
59	22004373		119	22009124	
60	22003315		120	23019460	

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ALGORITHMIQUE ET PROGRAMMATION

N°	APOGEE	OBSERVATION	N°	APOGEE	OBSERVATION
1	22006679		58	22007905	
2	22009076		59	22028432	
3	23002091		60	22000606	
4	22011783		61	21005855	
5	22006671		62	14018616	
6	23003813		63	20018895	
7	23010974		64	22019846	
8	22002635		65	22017962	
9	22007308		66	23002089	
10	23017514		67	22017772	
11	23003319		68	23011111	
12	22009040		69	23003348	
13	22006621		70	21001084	
14	21000091		71	20020017	
15	22008926		72	22003221	
16	22005443		73	23002074	
17	22007880		74	22004773	
18	21000400		75	21001586	
19	23004090		76	23006585	
20	19011768		77	23006742	
21	23002782		78	23006939	
22	19003577		79	22004516	
23	22012700		80	18023439	
24	22005535		81	22003131	
25	23004158		82	22004655	
26	23002838		83	23004862	
27	23004877		84	23003787	
28	22009343		85	22010034	
29	22007865		86	21021311	
30	20020085		87	22003443	
31	23006575		88	23009537	
32	21001475		89	23011022	
33	21002540		90	23007583	
34	22000648		91	19003206	
35	23004035		92	17014699	
36	23020237		93	23007601	
37	21000396		94	20016283	
38	24019254		95	23009056	
39	14019099		96	22003301	
40	23011036		97	22022182	

41	20020058		98	22008284	
42	23003155		99	22004195	
43	22002987		100	19025322	
44	22017814		101	23006478	
45	21000979		102	23006695	
46	23011708		103	20021576	
47	22005031		104	22018125	
48	21000068		105	21019514	
49	23006780		106	21024306	
50	15013528		107	22008203	
51	20018917		108	23004337	
52	22003653		109	23011172	
53	22009978		110	22009100	
54	23019611		111	23004347	
55	23004393		112	22003344	
56	22005539		113	22006585	
57	22000388		114	18021964	