	B0	B(a)	B(b)	B(c)	B(d)	B(e)	B(f)	B(ab)	B(ac)	B(ad)	B(ae)	B(af)	B(bc)	B(bd)	B(be)	B(bf)	B(cd)	B(ce)	B(cf)	B(de)	B(df)	B(ef)	B(a²)	B(b²)	B(c²)	B(d²)	B(e²)	B(f²)
	25,00	15,00	2,00	-5,00	-15,00	27,00	2,00	-18,00	0,20	25,00	3,00	-10,00	-1,00	-47,00	0,00	-9,00	7,00	13,00	-13,00	9,00	8,00	6,00	-2	13	0	2	-2	6

Expérience N°	I	A	B	C	D	E	F	AB	AC	AD	AE	AF	BC	BD	BE	BF	CD	CE	CF	DE	DF	EF	A²	B²	C²	D²	E²	F²	Y1 bis simu
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	41,2
2	1	1	1	1	1	1	-1	1	1	1	1	-1	1	1	1	-1	1	1	-1	1	-1	-1	1	1	1	1	1	1	73,3
3	1	1	1	1	1	-1	1	1	1	1	-1	1	1	1	-1	1	1	-1	1	-1	1	-1	1	1	1	1	1	1	-74,8
4	1	1	1	1	1	-1	-1	1	1	1	-1	-1	1	1	-1	-1	1	-1	-1	-1	-1	1	1	1	1	1	1	1	-18,8
5	1	1	1	-1	1	1	1	1	-1	1	1	1	-1	1	1	1	-1	-1	-1	1	1	1	1	1	1	1	1	1	38,8
6	1	1	1	-1	1	1	-1	1	-1	1	1	-1	-1	1	1	-1	-1	-1	1	1	-1	-1	1	1	1	1	1	1	18,8
7	1	1	1	-1	1	-1	1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1	-1	1	-1	1	1	1	1	1	1	-25,2
8	1	1	1	-1	1	-1	-1	1	-1	1	-1	-1	-1	1	-1	-1	-1	1	1	-1	-1	1	1	1	1	1	1	1	-21,2
9	1	1	-1	1	-1	1	1	-1	1	-1	1	1	-1	1	-1	-1	-1	1	1	-1	-1	1	1	1	1	1	1	1	25,2
10	1	1	-1	1	-1	1	-1	-1	1	-1	1	-1	-1	1	-1	1	-1	1	-1	-1	1	-1	1	1	1	1	1	1	53,2
11	1	1	-1	1	-1	-1	1	-1	1	-1	-1	1	-1	1	1	-1	-1	-1	1	1	-1	-1	1	1	1	1	1	1	-54,8
12	1	1	-1	1	-1	-1	-1	-1	1	-1	-1	-1	-1	1	1	1	1	-1	-1	-1	1	1	1	1	1	1	1	1	-2,8
13	1	1	-1	-1	-1	1	1	-1	-1	-1	-1	1	1	1	-1	-1	1	-1	-1	-1	-1	1	1	1	1	1	1	1	46,8
14	1	1	-1	-1	-1	1	-1	-1	-1	-1	1	-1	1	1	-1	1	1	-1	1	-1	1	-1	1	1	1	1	1	1	22,8
15	1	1	-1	-1	-1	-1	1	-1	-1	-1	-1	1	1	1	1	-1	1	1	-1	1	-1	-1	1	1	1	1	1	1	18,8
16	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18,8
17	1	-1	1	1	-1	1	1	-1	-1	1	-1	-1	1	-1	1	1	-1	1	1	-1	-1	1	1	1	1	1	1	1	136,8
18	1	-1	1	1	-1	1	-1	-1	-1	1	-1	1	1	-1	1	-1	-1	1	-1	-1	1	-1	1	1	1	1	1	1	160,8
19	1	-1	1	1	-1	-1	1	-1	-1	1	1	-1	1	-1	-1	1	-1	-1	1	1	-1	-1	1	1	1	1	1	1	68,8
20	1	-1	1	1	-1	-1	-1	-1	-1	1	1	1	1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	116,8
21	1	-1	1	-1	-1	1	1	-1	1	1	-1	-1	-1	-1	1	1	1	-1	-1	-1	-1	1	1	1	1	1	1	1	163,2
22	1	-1	1	-1	-1	1	-1	-1	1	1	-1	1	-1	-1	1	-1	1	-1	1	-1	1	-1	1	1	1	1	1	1	135,2
23	1	-1	1	-1	-1	-1	1	-1	1	1	1	-1	-1	-1	-1	1	1	1	-1	1	-1	-1	1	1	1	1	1	1	147,2
24	1	-1	1	-1	-1	-1	-1	-1	1	1	1	1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	1	143,2
25	1	-1	-1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	84,8
26	1	-1	-1	1	1	1	-1	1	-1	-1	-1	1	-1	-1	-1	-1	1	1	1	-1	-1	-1	1	1	1	1	1	1	40,8
27	1	-1	-1	1	1	-1	1	1	-1	-1	1	-1	-1	-1	1	-1	1	-1	1	-1	1	-1	1	1	1	1	1	1	-19,2
28	1	-1	-1	1	1	-1	-1	1	-1	-1	1	1	-1	-1	1	1	1	-1	-1	-1	-1	1	1	1	1	1	1	1	-39,2
29	1	-1	-1	-1	1	1	1	1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	79,2
30	1	-1	-1	-1	1	1	-1	1	1	-1	-1	1	1	-1	-1	1	-1	1	1	1	-1	-1	1	1	1	1	1	1	-16,8
31	1	-1	-1	-1	1	-1	1	1	1	-1	1	-1	1	-1	1	-1	-1	1	-1	-1	1	-1	1	1	1	1	1	1	27,2
32	1	-1	-1	-1	1	-1	-1	1	1	-1	1	1	1	-1	1	-1	1	1	1	-1	-1	1	1	1	1	1	1	1	-44,8
33	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
34	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
35	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
36	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
37	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
38	1	2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	0	0	0	0	49,36
39	1	-2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	0	0	0	0	-22
40	1	0	2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	0	0	0	103,3
41	1	0	-2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	0	0	0	93,78
42	1	0	0	2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	0	0	13,11
43	1	0	0	-2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	0	0	36,89
44	1	0	0	0	2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	0	0,637
45	1	0	0	0	-2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	0	71,99
46	1	0	0	0	0	2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	77,9
47	1	0	0	0	0	-2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	0	-50,5
48	1	0	0	0	0	0	2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	63,7
49	1	0	0	0	0	0	-2,378	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,657	54,18
50	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25

α
2,3784

Expériment N°	A	B	C	D	E	F	Y
1	60,0	10,0	300,0	6,0	24,0	9,0	41,2
2	60,0	10,0	300,0	6,0	24,0	5,0	73,3
3	60,0	10,0	300,0	6,0	11,0	9,0	-74,8
4	60,0	10,0	300,0	6,0	11,0	5,0	-18,8
5	60,0	10,0	150,0	6,0	24,0	9,0	38,8
6	60,0	10,0	150,0	6,0	24,0	5,0	18,8
7	60,0	10,0	150,0	6,0	11,0	9,0	-25,2
8	60,0	10,0	150,0	6,0	11,0	5,0	-21,2
9	60,0	6,0	300,0	2,5	24,0	9,0	25,2
10	60,0	6,0	300,0	2,5	24,0	5,0	53,2
11	60,0	6,0	300,0	2,5	11,0	9,0	-54,8
12	60,0	6,0	300,0	2,5	11,0	5,0	-2,8
13	60,0	6,0	150,0	2,5	24,0	9,0	46,8
14	60,0	6,0	150,0	2,5	24,0	5,0	22,8
15	60,0	6,0	150,0	2,5	11,0	9,0	18,8
16	60,0	6,0	150,0	2,5	11,0	5,0	18,8
17	40,0	10,0	300,0	2,5	24,0	9,0	136,8
18	40,0	10,0	300,0	2,5	24,0	5,0	160,8
19	40,0	10,0	300,0	2,5	11,0	9,0	68,8
20	40,0	10,0	300,0	2,5	11,0	5,0	116,8
21	40,0	10,0	150,0	2,5	24,0	9,0	163,2
22	40,0	10,0	150,0	2,5	24,0	5,0	135,2
23	40,0	10,0	150,0	2,5	11,0	9,0	147,2
24	40,0	10,0	150,0	2,5	11,0	5,0	143,2
25	40,0	6,0	300,0	6,0	24,0	9,0	84,8
26	40,0	6,0	300,0	6,0	24,0	5,0	40,8
27	40,0	6,0	300,0	6,0	11,0	9,0	-19,2
28	40,0	6,0	300,0	6,0	11,0	5,0	-39,2
29	40,0	6,0	150,0	6,0	24,0	9,0	79,2
30	40,0	6,0	150,0	6,0	24,0	5,0	-16,8
31	40,0	6,0	150,0	6,0	11,0	9,0	27,2
32	40,0	6,0	150,0	6,0	11,0	5,0	-44,8
33	50,0	8,0	225,0	4,3	17,5	7,0	25
34	50,0	8,0	225,0	4,3	17,5	7,0	25
35	50,0	8,0	225,0	4,3	17,5	7,0	25
36	50,0	8,0	225,0	4,3	17,5	7,0	25
37	50,0	8,0	225,0	4,3	17,5	7,0	25
38	73,8	8,0	225,0	4,3	17,5	7,0	49,36
39	26,2	8,0	225,0	4,3	17,5	7,0	-22
40	50,0	12,8	225,0	4,3	17,5	7,0	103,3
41	50,0	3,2	225,0	4,3	17,5	7,0	93,78
42	50,0	8,0	403,4	4,3	17,5	7,0	13,11
43	50,0	8,0	46,6	4,3	17,5	7,0	36,89
44	50,0	8,0	225,0	8,4	17,5	7,0	0,637
45	50,0	8,0	225,0	0,1	17,5	7,0	71,99
46	50,0	8,0	225,0	4,3	33,0	7,0	77,9
47	50,0	8,0	225,0	4,3	2,0	7,0	-50,5
48	50,0	8,0	225,0	4,3	17,5	11,8	63,7
49	50,0	8,0	225,0	4,3	17,5	38,8	54,18
50	50,0	8,0	225,0	4,3	17,5	7,0	25

DOE extraction

	A	B	C	D	E	F
Level -α	26,22	3,24	46,62	0,09	2,04	2,24
Level -1	40,00	6,00	150,00	2,50	11,00	5,00
Level 0	50,00	8,00	225,00	4,25	17,50	7,00
Level 1	60,00	10,00	300,00	6,00	24,00	9,00
Level α	73,78	12,76	403,38	8,41	32,96	11,76