

Taguchi L8 (2^7)
Iteration 0

	A	B	C	D	E	F	J	Y
1	1	1	1	1	1	1	1	
2	1	1	1	2	2	2	2	
3	1	2	2	1	1	2	2	
4	1	2	2	2	2	1	1	
5	2	1	2	1	2	1	2	
6	2	1	2	2	1	2	1	
7	2	2	1	1	2	2	1	
8	2	2	1	2	1	1	2	

Parameter Id

Parameter Name

Unit

Parameter Type

Parameter A
Parameter B
Parameter C
Parameter D
Parameter E
Parameter F
Parameter J

Wind Speed
Wave Height
Vessel Position
Vessel Heading
Vessel Speed
Visibility
Camera Resolution

m/s
m
km
deg
m/s
km
[Low, High]
[-1, 1]
[1, 2]

Continuous
Continuous
Continuous
Continuous
Continuous
Continuous
Categorical

FF 2^(7-4)
Iteration 0

	A	B	C	D	E	F	J	Y
1	-1	-1	-1	1	1	1	-1	
2	1	-1	-1	-1	-1	1	1	
3	-1	1	-1	-1	1	-1	1	
4	1	1	-1	1	-1	-1	-1	
5	-1	-1	1	1	-1	-1	1	
6	1	-1	1	-1	1	-1	-1	
7	-1	1	1	-1	-1	1	-1	
8	1	1	1	1	1	1	1	

Taguchi L8 (2^7)
Iteration 1

	A	B	C	D	E	F	J	Y
1	5	4	1	0	0	5	1	1
2	5	4	1	45	5	10	2	1
3	5	8	3	0	0	10	2	1
4	5	8	3	45	5	5	1	1
5	10	4	3	0	5	5	2	1
6	10	4	3	45	0	10	1	1
7	10	8	1	0	5	10	1	1
8	10	8	1	45	0	5	2	0

FF 2^(7-4)
Iteration 1

	A	B	C	D	E	F	J	Y
1	5	4	1	45	5	10	1	1
2	10	4	1	0	0	10	2	1
3	5	8	1	0	5	5	2	1
4	10	8	1	45	0	5	1	0
5	5	4	3	45	0	5	2	1
6	10	4	3	0	5	5	1	1
7	5	8	3	0	0	10	1	1
8	10	8	3	45	5	10	2	0

Taguchi L8 (2^7)
Iteration 2

	A	B	C	D	E	F	J	Y
1	10.13	2	3.63	58.62	5.08	10.08	1	1
2	10.13	2	3.63	78.62	10.08	15.08	2	0
3	10.13	6	4.63	58.62	5.08	15.08	2	0
4	10.13	6	4.63	78.62	10.08	10.08	1	0
5	15.13	2	4.63	58.62	10.08	10.08	2	0
6	15.13	2	4.63	78.62	5.08	15.08	1	0
7	15.13	6	3.63	58.62	10.08	15.08	1	1
8	15.13	6	3.63	78.62	5.08	10.08	2	0

FF 2^(7-4)
Iteration 2

	A	B	C	D	E	F	J	Y
1	10.13	2	3.63	78.62	10.08	15.08	1	0
2	15.13	2	3.63	58.62	5.08	15.08	2	0
3	10.13	6	3.63	58.62	10.08	10.08	2	0
4	15.13	6	3.63	78.62	5.08	10.08	1	1
5	10.13	2	4.63	78.62	5.08	10.08	2	0
6	15.13	2	4.63	58.62	10.08	10.08	1	0
7	10.13	6	4.63	58.62	5.08	15.08	1	0
8	15.13	6	4.63	78.62	10.08	15.08	2	0

Taguchi L8 (2^7)
Iteration 3

C	A	B	C	D	E	F	J	Y
1	10.13	2	4.38	68.62	5.08	10.08	1	1
2	10.13	2	4.38	88.62	10.08	15.08	2	0
3	10.13	6	4.88	68.62	5.08	15.08	2	0
4	10.13	6	4.88	88.62	10.08	10.08	1	0
5	15.13	2	4.88	68.62	10.08	10.08	2	0
6	15.13	2	4.88	88.62	5.08	15.08	1	0
7	15.13	6	4.38	68.62	10.08	15.08	1	0
8	15.13	6	4.38	88.62	5.08	10.08	2	0

FF 2^(7-4)
Iteration 3

	A	B	C	D	E	F	J	Y
1	10.13	2	4.38	88.62	10.08	15.08	1	0
2	15.13	2	4.38	68.62	5.08	15.08	2	0
3	10.13	6	4.38	68.62	10.08	10.08	2	0
4	15.13	6	4.38	88.62	5.08	10.08	1	1
5	10.13	2	4.88	88.62	5.08	10.08	2	0
6	15.13	2	4.88	68.62	10.08	10.08	1	0
7	10.13	6	4.88	68.62	5.08	15.08	1	0

8	15.13	6	4.88	88.62	10.08	15.08	2	0
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Taguchi L8 (2^7)
Iteration 4

C	A	B	C	D	E	F	J	Y
1	12.58	3.96	4.62	78.63	7.52	12.61	1	0
2	12.58	3.96	4.62	98.63	12.52	17.61	2	0
3	12.58	7.96	5.12	78.63	7.52	17.61	2	0
4	12.58	7.96	5.12	98.63	12.52	12.61	1	0
5	17.58	3.96	5.12	78.63	12.52	12.61	2	0
6	17.58	3.96	5.12	98.63	7.52	17.61	1	0
7	17.58	7.96	4.62	78.63	12.52	17.61	1	0
8	17.58	7.96	4.62	98.63	7.52	12.61	2	0

FF 2^(7-4)
Iteration 4

	A	B	C	D	E	F	J	Y
1	12.58	3.96	4.62	98.63	12.52	17.61	1	0
2	17.58	3.96	4.62	78.63	7.52	17.61	2	0
3	12.58	7.96	4.62	78.63	12.52	12.61	2	0
4	17.58	7.96	4.62	98.63	7.52	12.61	1	0
5	12.58	3.96	5.12	98.63	7.52	12.61	2	0
6	17.58	3.96	5.12	78.63	12.52	12.61	1	0
7	12.58	7.96	5.12	78.63	7.52	17.61	1	0
8	17.58	7.96	5.12	98.63	12.52	17.61	2	0