

Anexo No. 16. Optimización de la Corriente, 723

No.	Factor	P-value	Coef. Regresión		X_A	X_B	X_C	X_D	X_E
A	Carga de ciclohexano, kg/h								
B	Vapor al E 530, kg/h								
C	Presión de C 525, kg/cm2 gauge								
D	Nivel de la V 540, o/o								
E	Vapor al E 532, kg/h								
Constante					-1	-1	-1	1	1
1	A	0	170,657	170,657					
2	B	0	11,0165	-11,0165					
3	C	0	6,04475	-6,04475	Y_A	Y_B	Y_C	Y_D	Y_E
4	D	0	11,5216	-11,5216	94000	10500	2,4	3	1200
5	E	0	5,19778	5,19778					
6	AB	0	1,28694	1,28694					
7	AD	0	1,02593	1,02593					
8	BC	0	2,30204	-2,30204	Restricciones				
9	BD	0	2,30204	2,30204	-1	<=	X_A	<=	1
10	BE	0	0,598981	-0,598981	-1	<=	X_B	<=	1
11	CE	0	-1,32824	1,32824	-1	<=	X_C	<=	1
12	CD	0	-2,9616	-2,9616	-1	<=	X_D	<=	1
13	CE	0,0002	2,32713	-2,32713	-1	<=	X_E	<=	1
14	DE	0	4,26546	-4,26546					
15	EE	0	-1,14176	-1,14176					
16	ABC	0	-2,07216	-2,07216					
17	ACC	0,003	0,171944	-0,171944					
18	ACD	0,0399	-1,57426	1,57426					
19	ACD	0	-2,18838	-2,18838					
20	ACE	0,0299	-1,75125	-1,75125					
21	ADE	0	-0,810833	8,11E-01					
22	BBC	0,0073	0	0					
23	CCD	0	0	0					
24	CCE	0	0	0					
25	CDE	0	-2,87157	2,87157					
26	CEE	0,0009	3,09361	-3,09361					
27	DEE	0	-1,77046	-1,77046					
28	BCD	0	-2,93435	-2,93435					
28	BCE	0	-4,90083	-4,90083					
f(X_A, X_B, X_C, X_D, X_E)				125,992	kg/h				