

Taula 6.3.1: Coeficients experimentals per al model de superfície de resposta quadràtica per a cada gas i configuració.

Gas	Config.	β_1	β_2	β_3	β_{11}	β_{22}	β_{33}	β_{12}	β_{13}	β_{23}	R^2	S_n
SO ₂	1	-0.01278	0.08535	6.9856	1.2x10 ⁻⁵	-2.8x10 ⁻⁵	-0.2588	-6.7x10 ⁻⁶	N/S(*)	-8.1x10 ⁻⁴	0.9999	0.8656
SO ₂	2	-0.01917	0.08375	7.6427	1.1x10 ⁻⁵	-3x10 ⁻⁵	-0.4148	N/S	N/S	N/S	0.9997	1.4780
SO ₂	3	0.1460	0.01544	9.4457	-1.4x10 ⁻⁴	N/S	-0.4020	N/S	N/S	-0.00121	0.9999	0.7812
SO ₂	4	-0.00755	0.09839	5.1144	3.4x10 ⁻⁶	-3.5x10 ⁻⁵	-0.2593	-7.8x10 ⁻⁶	N/S	N/S	0.9998	1.1501
NH ₃	1	-0.4163	0.1211	8.0071	0.00781	-5.7x10 ⁻⁵	-0.6252	N/S	N/S	0.00137	0.9999	0.8079
NH ₃	2	0.2815	0.1160	6.5177	-0.00471	-5.1x10 ⁻⁵	-0.4017	N/S	N/S	N/S	0.9999	0.9539
NH ₃	3	N/S	0.09574	8.4588	N/S	-3.7x10 ⁻⁵	-0.4627	N/S	-0.00774	N/S	0.9997	1.755
NH ₃	4	-0.7639	0.1254	6.7670	0.01234	-4.8x10 ⁻⁵	-0.4228	-1.2x10 ⁻⁶	N/S	N/S	0.9999	0.9447

* N/S: No significatiu estadísticament.

Taula 6.3.2: Coeficients experimentals per al model de superfície de resposta quadràtica per al sulfur d'hidrogen.

Gas	Config.	β_1	β_2	β_3	β_{11}	β_{22}	β_{33}	β_{12}	β_{13}	β_{23}	R ²	S _n
H ₂ S	1	2.1523	0.02280	12.4911	-0.02492	N/S	-0.4884	-2.51x10 ⁻⁴	-0.05564	-0.00289	0.9987	2.956
H ₂ S	4	2.7444	N/S	16.0119	-0.03213	9.31x10 ⁻⁶	-0.8032	-3.31x10 ⁻⁴	-0.07294	-0.00268	0.9980	3.721

Taula 6.3.3: Coeficients experimentals per al model de superfície de resposta quadràtica per al diòxid de sofre i diferents combinacions de colls i atomitzadors.

Gas	Atom.	Coll	β_1	β_2	β_3	β_{11}	β_{22}	β_{33}	β_{12}	β_{13}	β_{23}	R ²	S _n
SO ₂	B	150	0.09368	-0.02197	10.4105	-7x10 ⁻⁵	1.3x10 ⁻⁶	N/S	-2.5x10 ⁻⁵	N/S	-0.00246	0.9980	2.885
SO ₂	A	2x150	0.1366	0.01151	8.7838	-9.9x10 ⁻⁵	N/S	-0.4655	-4.2x10 ⁻⁵	N/S	N/S	0.9985	2.879
SO ₂	B	2x150	0.1011	-0.02663	16.3458	-5.3x10 ⁻⁵	2.3x10 ⁻⁵	-0.6044	-5.1x10 ⁻⁵	N/S	-0.00258	0.9996	1.653
SO ₂	B	100	0.2578	N/S	12.5875	-3.5x10 ⁻⁴	N/S	-0.6955	-3x10 ⁻⁵	N/S	N/S	0.9995	2.044