

Erratum to: Temperature and velocity determination of shock-heated flows with non-resonant heterodyne laser-induced thermal acoustics

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In the original publication of the article, the headings of column 2, 12 and 13 in Table 3 are incorrect. The correct version of Table 3 is given below:

Table 3 Summary of results for cases C1–C12 from Table 1

Case	$M_{s,exp} \pm \Delta M_{s,exp}$ (–)	p_{th} (bar)	p_{exp} (bar)	$M_{2,th}$ (–)	$M_{2,meas}$ (–)	a_{th} (ms ⁻¹)	a_{meas} (ms ⁻¹)	T_{th} (K)	T_{meas} (K)	δ_M (%)	δ_a (%)	δ_T (%)
C1	1.958 ± 0.030	1.6	1.4	0.763	0.764	456.2	458.8	600.0	605.5	0.14	0.56	0.92
C2	1.980 ± 0.031	6.8	6.3	0.770	0.763	459.2	452.8	607.9	590.0	-0.97	-1.39	-2.95
C3	1.984 ± 0.031	14.2	13.2	0.770	0.761	460.6	449.8	611.4	582.0	-1.11	-2.34	-4.80
C4	1.972 ± 0.031	5.1	4.8	–	–	586.4	578.7	991.4	963.5	–	-1.32	-2.81
C5	1.971 ± 0.031	20.6	20.4	–	–	586.9	583.8	992.9	980.6	–	-0.53	-1.24
C6	1.973 ± 0.031	43.5	41.7	–	–	588.9	587.1	999.5	991.7	–	-0.30	-0.77
C7	1.681 ± 0.025	1.1	1.1	0.754	0.760	420.5	424.5	426.9	435.1	0.68	0.93	1.94
C8	1.658 ± 0.024	4.4	4.2	0.735	0.725	418.4	417.0	422.4	419.9	-1.37	-0.34	-0.59
C9	1.672 ± 0.024	9.4	9.0	0.745	0.743	420.2	422.0	426.2	430.0	-0.24	0.41	0.90
C10	1.665 ± 0.024	2.9	2.8	–	–	483.9	477.3	569.9	550.2	–	-1.37	-3.45
C11	1.666 ± 0.024	11.7	11.6	–	–	484.8	488.4	571.9	576.2	–	0.76	0.77
C12	1.671 ± 0.024	24.4	24.4	–	–	486.4	497.1	575.9	596.9	–	2.20	3.66

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