Correction to: Experimental characterization of the hypersonic flow around a cuboid

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Published online: 12 November 2020
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Correction to: Experiments in Fluids (2020) 61:151
<https://doi.org/10.1007/s00348-020-02975-x>

- There is a typographical error in Equation 13, which should instead read:

$$\begin{cases} \frac{1}{\rho c_p(T)} \frac{\partial \lambda}{\partial t} = -\nabla(k(T)\nabla\lambda), \forall \mathbf{x} \in \Omega \\ \lambda(\mathbf{x}, t) = 0, \forall \mathbf{x} \in \Omega, t = t_f \\ k(T) \frac{\partial \lambda}{\partial n} = 2(T - Y), \forall \mathbf{x} \in S, 0 < t < t_f \end{cases}$$

- The values in Table 4 should be updated to contain the values in the table below. The values in the published version of the table are incorrect, caused by a bug in the averaging procedure in the error processing software. This bug does not affect the results presented in Figure 6 nor does it affect the global error of 12% presented in the text of the document.

Error source	Variation Δ	$\Delta C_{H_{\infty}}$
IHCP solution	–	1.5%
Ambient temperature measurement T_{amb} [K]	1.7%	1.5%
Infrared Calibration T_{IR} [K]	$\sigma = 0.1$ K	1.5%
Model initial temperature distribution T_i [K]	2.7%	1.5%
Material emissivity ϵ	8.0%	8.7%
Material thermal conductivity k [J/kg.K]	6.0%	1.5%
Material specific heat capacity c_p [J/kg.K]	2.0%	1.5%
Free-stream total temperature T_0 [K]	2.5%	6.9%
Free-stream total pressure P_0 [Pa]	4.2%	4.2%

The original article can be found online at <https://doi.org/10.1007/s00348-020-02975-x>.

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