Dear Editor,

We would like to change eq. 40, due to a typo in the equation. It currently reads

$$\overline{T_R}(t) = \int_0^{T_A} \frac{\lambda}{\sqrt{2\pi}} \left(\frac{h}{H_W}\lambda t\right)^{-3/2} t\,dt = \sqrt{\frac{2}{\pi}\left(\frac{H_W}{h}\right)^3 \frac{T_A}{\lambda}}.$$

(40 old)

Instead, this should be (change highlighted in yellow)

$$\overline{T_R}(T_A) = \int_0^{T_A} \frac{\lambda}{\sqrt{2\pi}} \left(\frac{h}{H_W}\lambda t\right)^{-3/2} t\,dt = \sqrt{\frac{2}{\pi}\left(\frac{H_W}{h}\right)^3 \frac{T_A}{\lambda}}.$$

(40 requested)

The reason is that $\overline{T_R}$ is not a function of t. t is substituted out in the bounded integral. Instead, $\overline{T_R}$ is a function of T_A.

With best regards, Jens Turowski