



# Correction to: Two-dimensional thermometry measurements in confined swirl flames using filtered Rayleigh scattering

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**Correction to: Applied Physics B (2021) 127:80**  
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## Correction 1:

In page 2, the signature of the FRS signal in Eq. (1) is supposed to be ' $S_{FRS}$ ' instead of ' $S_{FRS,sf}$ '.

## Correction 2:

In page 2, the signature of the FRS signal in Eq. (3) is supposed to be ' $S_{FRS}$ ' instead of ' $S_{FRS,sf}$ '.

## Correction 3:

In page 3, the title of Fig. 2 is ought to be 'Fig. 2 The relationship between temperature and the normalized FRS signal  $S_{FRS}/S_{FRS,air}$ '.

## Correction 4:

In page 5, the description of the first sentence in the right column is inaccurate. The original sentence is 'Besides, the mean standard deviations of FRS measurements throughout the experiment is lower than 4%', which is ought to be 'Besides, the mean standard deviations of FRS measurements throughout the experiment is lower than 7.5%, and is less than 4% when the equivalence ratio is greater than 0.73. The larger deviations are mainly due to the stronger turbulence at lower equivalence ratios'.

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