

Correction

# Correction: Persoons, T.; Cressall, R.; Alimohammadi, S. Validating a Reduced-Order Model for Synthetic Jet Actuators Using CFD and Experimental Data. *Actuators* 2018, 7, 67

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The authors wish to make the following corrections to this paper [1] in Section 2.2, Equation (19). The authors wish to replace:

Alternatively, the following equation is an empirical fit for  $\beta$  that is valid for  $1 < a < 50$  and  $kA_n^{1/2} < 0.886$  with a mean error of 1.7% and a maximum error of 5.9%:

$$\beta \approx -0.34064 + 6.6771 \times 10^{-2} kA_n^{1/2} + 1.5318 \times 10^{-4} a^2 + 2.7233 \times 10^{-8} a^4 + 0.78343 \exp(-1.7384 \times 10^{-2} a) \quad (19)$$

While Equation (19) is only valid for aspect ratios not exceeding 50, the value of  $\beta$  from Equations (16)–(18) in the limit for infinite aspect ratio ( $a \rightarrow \infty$ ) is zero.

with:

Alternatively, the following equation is an empirical fit for  $\beta$  that is valid for any aspect ratio  $a \geq 1$  and  $kA_n^{1/2} < 0.886$ , with a mean error of 1.9% and a maximum error of 7.9% for  $1 < a < 50$ :

$$\beta \approx 0.5316 \exp(-0.181 a^{0.44}) - 0.05247 kA_n^{1/2} \quad (19)$$

In the limit for infinite aspect ratio ( $a \rightarrow \infty$ ), the low-frequency approximation of  $\beta$  obtained from Equations (16)–(19) is zero.

The authors would like to apologize for any inconvenience caused to the readers by these changes.

## Reference

1. Persoons, T.; Cressall, R.; Alimohammadi, S. Validating a Reduced-Order Model for Synthetic Jet Actuators Using CFD and Experimental Data. *Actuators* 2018, 7, 67. [[CrossRef](#)]



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