## ERRATUM

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## Improvements on the accuracy of derivative estimation from DPIV velocity measurements

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In the original publication of this article the figure legends for Figs. 2, 3, 4, 5, 6, 7, 8, 9 were unfortunately omitted. We apologize for this mistake. The correct versions of Figs. 2, 3, 4, 5, 6, 7, 8, 9, with all parts included, can be seen here.



Fig. 2 Random error transmission ratio as a function of  $\Delta/L$ 



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Fig. 3 Vorticity bias error (%) as a function of spatial resolution



Fig. 4 Vorticity bias error (%) versus position  $(\Delta/L=0.05)$ 



Fig. 5 Bias error at the vortex center versus  $\Delta/L$ 





Fig. 6 Relationship between the coefficient of the power law and the transmission ratio





Fig. 8 Vorticity total error (%) as a function of spatial resolution for wave numbers = 1-7

**Fig. 9** Total error prediction for wave numbers = 1-7