Faculty of Science and Engineering

School of Biological and Marine Sciences

2016-06-01

Corrigendum: A physics-enabled flow restoration algorithm for sparse PIV and PTV measurements (2015 Meas. Sci. Technol . 26 065301)

Vlasenko, A

http://hdl.handle.net/10026.1/15096

10.1088/0957-0233/27/6/069502
Measurement Science and Technology
IOP Publishing

All content in PEARL is protected by copyright law. Author manuscripts are made available in accordance with publisher policies. Please cite only the published version using the details provided on the item record or document. In the absence of an open licence (e.g. Creative Commons), permissions for further reuse of content should be sought from the publisher or author.

Dear readers of the article 'A physics-enabled flow restoration algorithm for sparse PIV and PTV measurements', we wish to inform you that there is a sign error in equation (1), repeated also in $\vec{e}(\vec{v})$ six lines later in the text. This is just a typographical error and was not used in calculations. All results presented are therefore correct. The correct form of equation (1) is

$$\frac{\partial \vec{\omega}}{\partial t} + (\vec{v} \cdot \nabla)\omega - (\vec{\omega} \cdot \nabla)\vec{v} = \nu \triangle \vec{\omega} \tag{1}$$

and the correct form of $\vec{e}(\vec{v})$ is

$$\vec{e}(\vec{v}) = \frac{\partial \vec{\omega}}{\partial t} + (\vec{v} \cdot \nabla) \vec{\omega} - (\vec{\omega} \cdot \nabla) \vec{v}.$$

We apologise for any inconvenience caused