

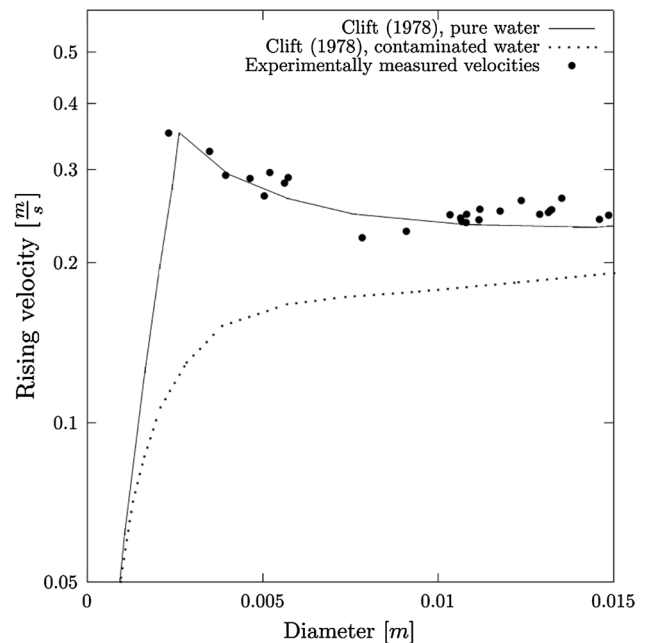
## Erratum to: Concentration measurement in the wake of a free rising bubble using planar laser-induced fluorescence (PLIF) with a calibration taking into account fluorescence extinction variations

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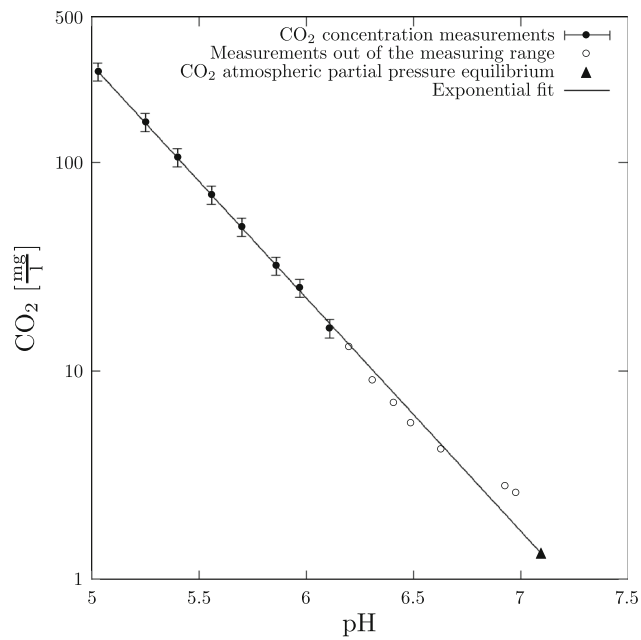
In the original publication of the article, the figures 2, 3, and 4 are in the correct order, but the captions are not corresponding. The figures 2, 3, and 4 with the correct captions are given below:



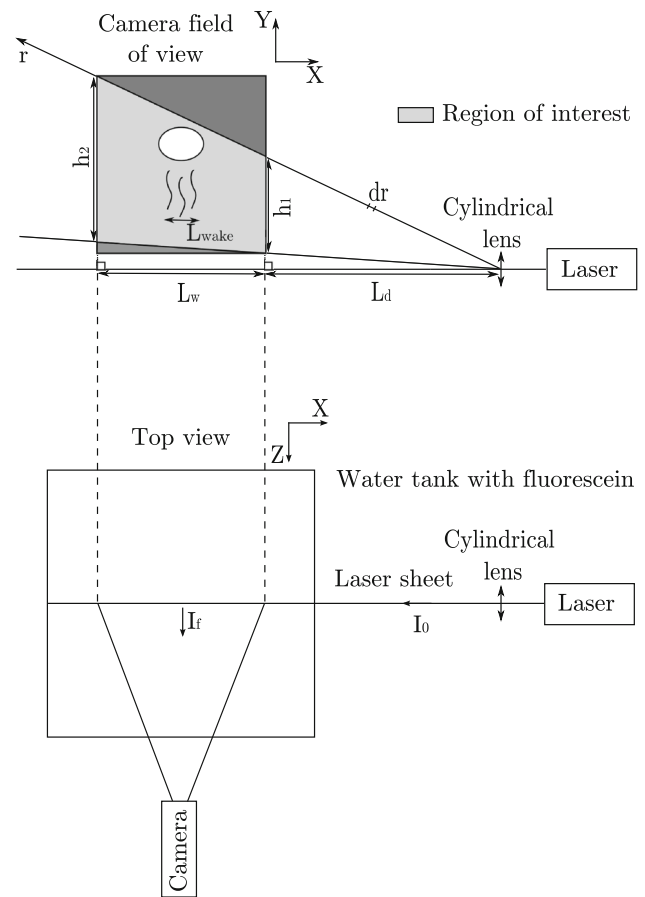
**Fig. 2** Specification of the influence of surfactants in the medium comparing experimentally measured rising bubble velocities with data from the literature (Clift et al. 1978) for contaminated and pure water

The online version of the original article can be found under doi:10.1007/s00348-013-1501-y.

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**Fig. 3** Calibration of CO<sub>2</sub> concentration as a function of pH in the tank using a Metler Toledo CO<sub>2</sub> InPro 5000 probe and pH equilibrium with atmosphere to complete the PLIF measuring range. *Empty dots* correspond to measurements below the manufacturer’s specification operating limit of 14.7 mg/L



**Fig. 4** Schematic view of the camera observation area and of the region of interest in which the CO<sub>2</sub> concentrations have been measured