



# Corrigendum to “Huge wave and drop entrainment mechanism in gas–liquid churn flow” [Chem. Eng. Sci. 108 (2013) 638–646]



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The authors regret that the experimental condition in Figs. 3–6 and Figs. 13–15 were missing. The complete information about the experimental results appears below:

1. In Fig. 3, the flow condition should be:

$$d_T=19 \text{ mm}, u_{sg}=6.17 \text{ m/s}, u_{sl}=7.49 \times 10^{-3} \text{ m/s}, U_g^* = 0.49$$

2. In Fig. 4, the flow condition should be:

$$d_T=19 \text{ mm}, M_I=16.25 \times 10^{-2} \text{ kg/s}$$

3. In Fig. 5, the flow condition should be:

$$d_T=19 \text{ mm}, M_I=16.25 \times 10^{-2} \text{ kg/s}$$

4. In Fig. 6, the flow condition should be:

$$d_T=19 \text{ mm}, u_{sg}=6.05 \text{ m/s}, U_g^* = 0.48$$

5. In Fig. 13, the flow condition should be:

$$(a) \ d_T=19 \text{ mm}, u_{sg}=7.95 \text{ m s}^{-1}, u_{sl}=2.60 \times 10^{-1} \text{ m s}^{-1}, U_g^* = 0.47$$

$$(b) \ d_T=19 \text{ mm}, u_{sg}=9.01 \text{ m s}^{-1}, u_{sl}=6.52 \times 10^{-2} \text{ m s}^{-1}, U_g^* = 0.72$$

6. In Fig. 14, the flow condition should be:

$$d_T=19 \text{ mm}, u_{sg}=12.73 \text{ m s}^{-1}, U_g^* = 1.02$$

7. In Fig. 15, the flow condition should be:

$$d_T=19 \text{ mm}, M_I=2.42 \times 10^{-2} \text{ kg s}^{-1}.$$

The authors would like to apologise for any inconvenience caused.

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