Corrigendum

Corrigendum to "Simultaneous heat and mass transfer characteristics for wavy fin-and-tube heat exchangers under dehumidifying conditions" [Int. J. Heat Mass Transfer 49 (2006) 132–143]

W. Pirompugd [a], S. Wongwises [a,*], C.C. Wang [b]

[a] *Fluid Mechanics, Thermal Engineering and Multiphase Flow Research Lab. (FUTURE), Department of Mechanical Engineering, King Mongkut's University of Technology Thonburi, Bangmod, Bangkok 10140, Thailand*
[b] *Energy and Resources Laboratory, Industrial Technology Research Institute, Hsinchu 310, Taiwan, ROC*

Available online 14 June 2006

Unfortunately several printing errors slipped the authors attention during proof reading.

Corrections are as follows:

Page 133: The unit of $h_{d,o}$ should read $kg\,m^{-2}\,s^{-1}$.

Page 133: The unit of all enthalpies should read $J\,kg^{-1}$.

Page 135: Left column, Line 15–17 should read: (namely, the energy balance condition, $|\dot{Q}_w - \dot{Q}_a|/\dot{Q}_{avg}$, is less than 0.05, where $\dot{Q}_a, \dot{Q}_w$ and $\dot{Q}_{avg}$ are the air-side heat transfer rate, water-side heat transfer rate and average heat transfer rate, respectively).

Page 135: Table 1, The unit of fin thickness, S_p, D_c, P_t and P_l should read m.

Page 141: Eq. (27) should read:

$$j_h = 0.171e^{0.377N}Re_{D_c}^{(-0.0142N-0.478)}\left(\frac{S_p}{D_c}\right)^{(0.00412N-0.0217)} \times \left(\frac{A_o}{A_{p,o}}\right)^{(-0.114N+0.440)} \tag{27}$$

Page 141: Eq. (28) should read:

$$j_m = 0.315e^{-0.441N}Re_{D_c}^{(0.0580N-0.475)}\left(\frac{S_p}{D_c}\right)^{(-0.00471N+0.0216)} \times \left(\frac{A_o}{A_{p,o}}\right)^{(0.00223N+0.223)} \tag{28}$$

Page 141: Eq. (29) should read:

$$\frac{h_{c,o}}{h_{d,o}C_{p,a}} = 0.490e^{0.792N}Re_{D_c}^{(-0.0714N+0.00361)}\left(\frac{S_p}{D_c}\right)^{(0.00867N-0.0425)} \times \left(\frac{A_o}{A_{p,o}}\right)^{(-0.107N+0.203)} \tag{29}$$

Page 142: Conclusions, in topic 2 the sentence should read "Both the heat and mass transfer performances are increased when the fin spacing is reduced."