



Erratum

Erratum to “On the effects of internal heat sources upon forced convection in porous channels with asymmetric thick walls” [Int. Comm. Heat Mass Trans. 73 (2016) 100–110]



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The authors realised that the solution of energy equations in the porous section of the channel in the above mentioned article [1] should be modified as follows [2]

$$\theta_s(Y) = E_s Y^2 + F_s \cosh(YT) + G_s \sinh(YT) + K_{1s} Y + K_{2s}, \quad (27a)$$

$$\theta_f(Y) = E_f Y^2 + F_f \cosh(YT) + G_f \sinh(YT) + K_{1f} Y + K_{2f}. \quad (27b)$$

With the exception of these two relations, other mathematical formulations in the original article [1] and the provided general solutions for the temperature fields of the solid sections remain entirely valid. To rectify the situation, Figs. 3a, 10, 11, 12b, 13b, 14 and 15 of Ref. [1] need to be replotted. The correct presentation of these figures is provided in this erratum.

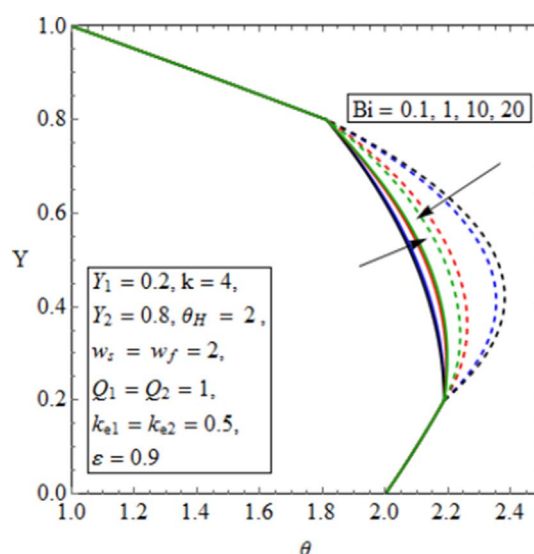


Fig. 3a. Temperature distribution with various values of Biot number for Case one.

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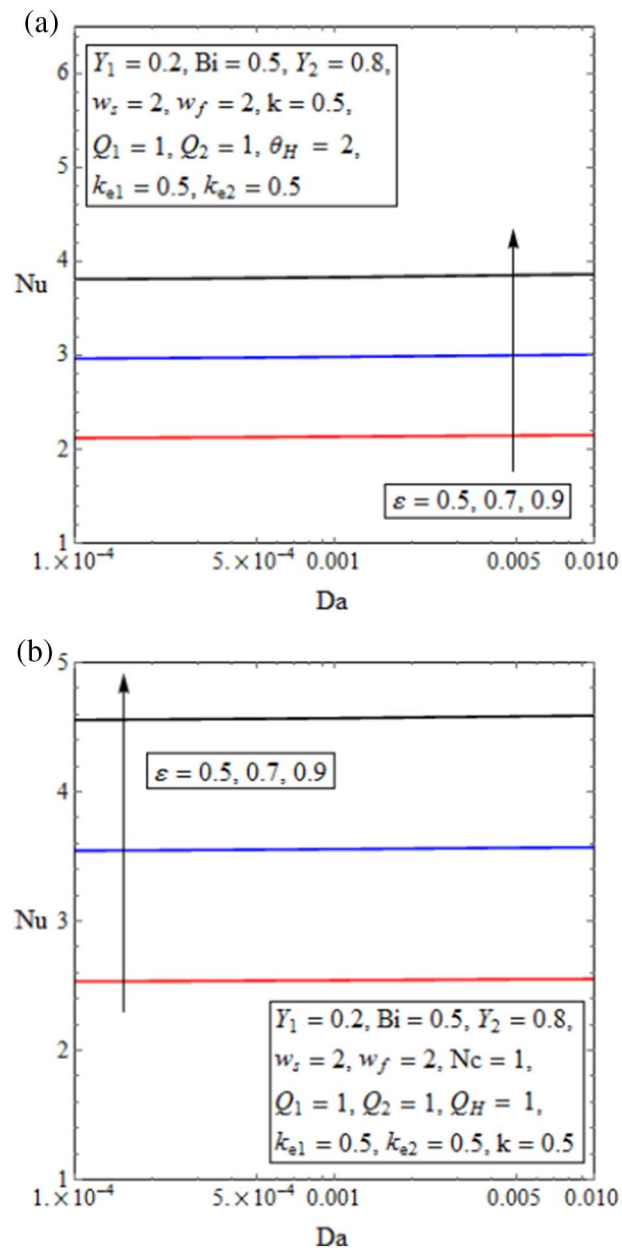


Fig. 10. Variation in Nusselt number versus Darcy number with various values of porosity: (a) Case a and (b) Case b.

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