

Erratum: “Investigation of Steady-State Drawing Force and Heat Transfer in Polymer Optical Fiber Manufacturing” [Journal of Heat Transfer, 2004, 126(2), pp. 236–243]

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The following captions should read:

Fig. 2 Numerically predicted contour plots of temperature (at left in °C) and stream function (right) for (a) case E1 and (b) case E2

Fig. 3 Axial variation of the predicted polymer temperature (at $r=0$) and the furnace wall temperature for cases E1 ($V_f = 10$ cm/s) and E2 ($V_f = 20$ cm/s)

Fig. 4 Axial variation of the radiative and convective heat flux experienced at the polymer’s surface for case E1

Fig. 5 Numerically predicted and experimentally measured free surface shapes for case E1. (The initial guess is shown for comparison.)

Fig. 6 Effect of preform feed speed on the predicted (solid line) and measured (symbols) free surface shapes

Fig. 8 Effect of the furnace wall temperature on the predicted and measured draw force ($D=25.4$ mm, $V_f=10$ cm/s, $V_p=25$ μ m/s)

Fig. 9 Effect of upstream heating (U_t) on the predicted free surface shape. A comparison between the results for $U_t = 0$ W/m² K (solid line) and $U_t = 30$ W/m² K (dashed line) is shown.