

one easily derives for the electric field E

$$\frac{d^2 E}{dx^2} - \chi^2 E = 0$$

showing that, if $\chi^2 > 0$, oscillatory solutions for E cannot exist [$E(x)$ can have only one zero].

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¹ E. J. Valeo, C. Oberman, and M. D. Kruskal, *Phys. Fluids* **12**, 1246 (1969).

² F. Engelmann, M. R. Feix, and E. Minardi, *Nuovo Cimento* **30**, 830 (1963).

Erratum: Laminar Free-Convection Heat Transfer from a Needle

[*Phys. Fluids* **12**, 463 (1969)]

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The following corrections should be made in our paper¹:

(1) The last term in Eq. (6) should be $r\theta$, instead of θ .

(2) Equation (15) should be

$$g'' + \left(\frac{\text{Pr}}{2} f + 1\right) \frac{g'}{\eta} = 0. \quad (15)$$

(3) All the threes (3's) between Eqs. (10) and (13) should be replaced by the number four (4).

(4) Due to the mistakes in (3), the correct form of Eqs. (18) and (23) should be

$$\frac{\tau_w}{\frac{1}{2}\rho u_0^2} \frac{\text{Re}^{5/2}}{\text{Gr}} = 8r_0 f''(r_0) \quad (18)$$

and

$$\overline{\text{Nu}} \left(\frac{\text{Re}}{\text{Gr}}\right)^{1/2} = -4r_0 g'(r_0). \quad (23)$$

The numerical solutions are based on the correct form of Eqs. (14) and (15), and they are still valid.

The authors wish to acknowledge Professor Milton Van Dyke for sending them his very comprehensive work on the same subject,² which led us to discover the above mistakes in our paper.¹

¹ T. Cebeci and T. Y. Na, *Phys. Fluids* **12**, 463 (1969).

² M. Van Dyke, in *Problems of Hydrodynamics and Continuum Mechanics* (SIAM Publications, Philadelphia, Pennsylvania, to be published).

Erratum: Plasma Diagnostics with Ionized Barium and Tunable Dye Lasers

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In Table I, line 2, column two, change 4554 to 6142. In Ref. 9, change (1958) to (1968).