REFERENCES

- 1. A. Zziz and J. Y. Benzies, Application of perturbation techniques to heat transfer problems with variable thermal properties, *Int. J. Heat Mass Transfer* **19**, 271–275 (1976).
- A. Aziz and J. Y. Benzies, Research Report No. AM-11/95, College of Engineering, Riyadh, Saudi Arabia (March 1975).
- 3. Y. S. Touloukran and E. H. Buyco, *Thermophysical Properties of Matter*, Vol. 4. IFI/Plenum, New York (1970).
- 4. M. Arunachalam and V. Seeniraj, Heat conduction in a semi-infinite medium with temperature-dependent thermophysical properties. To be published.

Int. J. Heat Mass Transfer. Vol. 20, p. 804. Pergamon Press 1977. Printed in Great Britain

REJOINDER

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THE AUTHORS thank the discussers for providing the closed form solutions for the first and second order problems for case (b) and for the first order problem of case (c). However, for case (c), the second term in the equation for B(X) should read as $\frac{1}{2}NX$ sech N ln sech N cosh NX and not $\frac{1}{2}NX$ sech N ln sech N cosh NX and not $\frac{1}{2}NX$ sech N ln sech N. Also, in the equation for A_0 , the term $\pi^2/48$ should have a plus instead of a minus sign. These can be seen from the boundary conditions, X = 0, $\theta_1 = 0$; X = 1, $\theta_1 = 0$.

The two minor typographical errors pointed out by the discussers are regretted.

Department of Mechanical EngineeringACollege of EngineeringJ. Y. BP.O. Box 800RiyadhSaudi ArabiaSaudi Arabia