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Reply to comments on "Convection–diffusion of solutes in media with piecewise constant transport properties"

D.S. VAIDYA
J.M. NITSCHE
S.L. DIAMOND
D.A. KOFKE*

Department of Chemical Engineering
State University of New York at Buffalo
Buffalo; NY 14260-4200 USA

The following is our formal reply to the comment made by Ma and Chang regarding our Chem. Eng. Sci. article (Vaidya *et al*., CES 51, 5299).

"We agree with the observation of Ma and Chang that the complete solution to the system in question must account for the jump discontinuity associated with the characteristic curve. In general, this is indeed an important property of the solution. However, for the systems to which we intended to apply the analysis we expect the effect to be minor. It would appear at the downstream edge of the distribution, where it would cause the concentration to undergo a step change to zero from an already small value."

*Corresponding author. Tel.: 001 716 645 2911; fax: 001 716 645 3822; e-mail: kofke@eng.buffalo.edu.

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