

exactly instead of his [31]. Note that [30S] gives a pressure drop without a meaningful cause or even a meaningful direction of the gradient. Professor Crowe, therefore, has managed to prove that his [30] is not a correct relation. His physical interpretation of his [31] appears to be a conjecture. For a thorough discussion of inertial coupling in multiphase mechanics, readers are referred to the paper by Chao *et al.* in this issue of the Journal.

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AUTHOR'S CLOSURE

The change in the form of pressure gradient term in the momentum equation [3] in Professor Soo's original paper, (Soo 1976) and his "corrected" version in the comments [15S] is noteworthy.

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