

Erratum

Volume 18, Number 2 (1975), in "Conservation Form in Computational Magnetohydrodynamics," by Irvin R. Lindemuth, pp. 119-131:

Page 124, the end of the second line, reads "... as opposite charges in an adjacent cell." It should be changed to read "... as opposite changes in an adjacent cell."

Page 125, Eqs. (31), (32), and (33) should be changed to read:

$$\Delta x \frac{\partial \rho}{\partial t} + (\tilde{\rho}\tilde{v})_+ - (\tilde{\rho}\tilde{v})_- = 0, \tag{31}$$

$$\Delta x \frac{\partial(\rho v)}{\partial t} + \bar{v}_+(\tilde{\rho}\tilde{v})_+ - \bar{v}_-(\tilde{\rho}\tilde{v})_- + \delta p_+ + \delta p_- + \bar{B}_+\delta B_+ + \bar{B}_-\delta B_- = 0, \tag{32}$$

$$\begin{aligned} \Delta x \frac{\partial(\rho \epsilon)}{\partial t} + (\tilde{\rho}\tilde{v}\tilde{\epsilon})_+ - (\tilde{\rho}\tilde{v}\tilde{\epsilon})_- + \bar{p}_+\delta v_+ + \bar{p}_-\delta v_- \\ - 2\tilde{\eta}_+ \frac{(\delta B_+)^2}{\Delta x} - 2\tilde{\eta}_- \frac{(\delta B_-)^2}{\Delta x} = 0. \end{aligned} \tag{33}$$

Page 125, the sixth line from the bottom, reads "... kinetic energy flux is $\tilde{\rho}\tilde{v}(\bar{v}^2 - \delta v^2)/2\dots$ " It should be changed to read "... kinetic energy flux is $(\tilde{\rho}\tilde{v})(\bar{v}^2 - \delta v^2)/2\dots$ "