

Page 6721, Eq.(15),  
the correct form to NS solution should be:

$$\begin{aligned}
f(x_{j+1/2}, t, u, v, \xi) = & (1 - e^{-t/\tau})g_0 + (-\tau + (\tau + t)e^{-t/\tau})aug_0 + (t - \tau + \tau e^{-t/\tau})Ag_0 \\
& - (t^2/2 + \pi)e^{-t/\tau}(a^2 + b)u^2g_0 \\
& + (t^2/2 - \pi)(A^2 + B')g_0 - \pi(1 + e^{-t/\tau})(C + aA)ug_0 \\
& + e^{-t/\tau}[1 - \tau(a^l u + A^l) - a^l u t + \pi(C^l + a^l A^l)u + (\pi + t^2/2)((a^l)^2 + b^l)u^2]H(u)g^l \\
& + e^{-t/\tau}[1 - \tau(a^r u + A^r) - a^r u t + \pi(C^r + a^r A^r)u + (\pi + t^2/2)((a^r)^2 + b^r)u^2](1 - H(u))g^r
\end{aligned}$$