6-22-2015

The following items were requested for the next meeting:

- obtain multidimensional results for explicit FCT

- compare symmetric limiter with updwind limiter

- determine if converged steady-state results match transient results

- determine how to evaluate analytic DMP bounds in multidimensional problems

- compare time step size computed from $1 - \frac{\Delta t}{m_i} A_{i,i}^L$ to that obtained by examining the eigenvalues of $(\mathbf{M}^L)^{-1}\mathbf{A}^L$

- in the void-to-absorber problem, ramp the source from zero instead of instantaneously adding the source

- determine if Kuzmin's implicit bounds are equal to our implicit bounds

The following suggestions were made:

- archive all results found, with code version number and descriptions of run parameters

- create a test suite to determine if code updates break the code