2022/10/27

Thursday, October 27, 2022 9:55 AM

Deriving the matrices for 1D:



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Boundary terms:

Sample Riemann solution (this problem):

$$\begin{cases} gv + dv - b_{gx} = S & PDE \\ dv - kv_{gx} = 0 \\ dv - kv_{gx} = 0 \end{cases}$$





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Z'V+

ZV

 $V = \frac{1}{5-5}(6^{+}.6) +$



General expression of the * solutions for this LINEAR PDE:



Let's now simplify the element boundary terms



$$B = \int \tilde{U}(-\delta,n) - \varepsilon T \delta, n(V-V)$$

$$For = 0$$

$$For = 0$$