

NAME:

Georgia Tech, Fall 2015
Math 2552 (Sections F1 – F4)

Quiz 11

Find the general solution of the linear system below:

$$\mathbf{x}' = \begin{pmatrix} 2 & 1 & 2 \\ 0 & 1 & 0 \\ 2 & 2 & 2 \end{pmatrix} \mathbf{x}.$$

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Find the general solution of the linear system below:

$$\mathbf{x}' = \begin{pmatrix} 1 & 1 & 4 \\ 0 & 2 & 0 \\ 1 & 1 & 1 \end{pmatrix} \mathbf{x}.$$