

# MATH 54 Homework 4

GSI Carter

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Due Friday, July 6.

- Find  $NS(A)$ , where

$$A = \begin{pmatrix} 1 & -1 & 1+i \\ -2 & 0 & -2-2i \\ -2i & 1 & 2-2i \end{pmatrix}$$

- Hill 3.5: 13, 14, 18, 21, 22, 31.
- Hill 3.6: 7, 17.