

ADDITIONAL HOMEWORK PROBLEMS

DUE MARCH 2, 2010

Find the inverses of the matrices

$$(1) \begin{bmatrix} 3 & 0 & 1 & 3 \\ 0 & 1 & 2 & 0 \\ 1 & 0 & 0 & 1 \\ 0 & 3 & 6 & 1 \end{bmatrix}$$

$$(2) \begin{bmatrix} 1 & 2 & 3 \\ -3 & 1 & 0 \\ 2 & 0 & 1 \end{bmatrix}$$