

Math 2280 - Exam 3

University of Utah

Spring 2009

Name: _____

Defective Eigenvalues - Solve the system of ODEs:

$$\mathbf{x}' = \begin{pmatrix} 1 & 0 & 0 \\ 18 & 7 & 4 \\ -27 & -9 & -5 \end{pmatrix} \mathbf{x}.$$

(10 points).

Continued...