



DEPARTMENT OF MATHEMATICS & STATISTICS

Instructor: M. Chirilus-Bruckner

LINEAR ALGEBRA

— MA 242 —

HW 10

– graded –

Explain the following concepts by putting them into context:

vector space, subspace, span, basis, dimension.

Choose some matrix A (that is one operation away from reduced echelon form) and use $\text{Col}(A)$ and $\text{Nul}(A)$ to illustrate these concepts.