

MATLAB:

University of California, Davis

Computer LAB for Linear Algebra

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MATH 22AL

LAB # 6

11 Null space**Definition**

The set of all vectors \mathbf{v} that satisfies $A\mathbf{v} = \mathbf{0}$ is called the **null-space** of $A_{n \times m}$.

You should be able to prove that this set is a subspace of R^n . (By showing that it is closed under addition and multiplication.)