Math 224
Daily Objectives
Class Session 8
Thursday, September 20, 2007

2.3: Linear Transformations of Euclidean Spaces

- Definition of a linear transformation

- Bases and linear transformations

- Standard matrix representation of a linear transformation

- Range of a linear transformation; rank of a linear transformation

- Kernel of a linear transformation; nullity of a linear transformation

- Linear transformations preserve subspaces

- Matrix multiplication and composite transformations

- Invertible matrices and inverse transformations