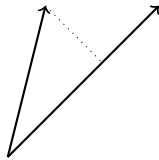


ORTHOGONAL PROJECTIONS NOTES

DAVID E. JAMES

Orthogonal Projections



Theorem (Orthogonal Decomposition Theorem). *Let some new statement about the theorem. Let W be a subspace with orthogonal basis*

Theorem (Best Approximation Theorem).

Theorem (Projection is a Linear Transform).