Moreover, the K-matrices are taken to be linearly independent, meaning that \( V \) can be null only if every 0, is zero. Then \( V \) is in the commutative quadratic subspace generated by either the idempotent \( M \) or by \( \ldots \). The Foundations of Multivariate Analysis: A Unified Approach by Means of Projection onto Linear Subspaces.