Abstract
In this work it is intended to discuss three-parameter matrix eigenvalue problems and its numerical aspects. The problem is reduced into its corresponding one-parameter problems in tensor product space. Then applying kronecker product method eigenvalue and eigenvectors have been estimated. A numerical example is also presented in this paper.

References
- Roach, G. F., "A classification and reduction of general Multiparameter
problems, Technical report, Georg-August-Universität Göttingen

Index Terms

Computer Science  
Applied Mathematics
Keywords

Multiparameter eigenvalue problems  tensor product space  kronecker product.