

## Effect of matrix transformation on minimization of quadratic functional. Effect of matrix transformation on minimization of quadratic functional

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=128814&lokasi=lokal>

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### Abstrak

The Convergence profile of the conventional conjugate gradient Method (CGM) algorithm is based on the symmetry of the control operator for quadratic functions. This work considers the quadratic functions with a non-symmetric control operator under suitable matrix transformations. It was proved that the conventional CGM algorithm produced results that were favourably comparable in relation to problems with symmetric