

Erratum

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Regular article

Remarks on large-scale matrix diagonalization using a Lagrange–Newton–Raphson minimization in a subspace

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A few typographical errors have been found in our communication above:

Equations (9) and (10) should read

$$\mathbf{Q}_i^T[\mathbf{H}\mathbf{C}_i - (\lambda_i + \delta\lambda_i)\mathbf{C}_i] = -\mathbf{Q}_i^T[\mathbf{H} - \lambda_i\mathbf{I}]\mathbf{Q}_i\mathbf{a}_i \quad (9)$$

$$\mathbf{a}_i = -\{\mathbf{Q}_i^T[\mathbf{H} - \lambda_i\mathbf{I}]\mathbf{Q}_i\}^{-1}\mathbf{Q}_i^T[\mathbf{H}\mathbf{C}_i - (\lambda_i + \delta\lambda_i)\mathbf{C}_i] \quad (10)$$