MatrixNorm

Matrix Norms With MapReduce

In examples package of Hama, we have introduced MapReduce-based computing methods for matrix norms.

- Maximum absolute column sum
- The root of sum of the sum of squares
- The maximum absolute row sum
- Largest entry in absolute value

Here's the example one of them. Matrix.Norm.One is that find the maximum absolute row sum of matrix.

Matrix.infinity, Matrix.Maxvalue and Matrix.Frobenius are almost same with this.