



Math for the people, by the people.

## quasipositive matrix

Canonical name	QuasipositiveMatrix
Date of creation	2013-03-22 13:18:23
Last modified on	2013-03-22 13:18:23
Owner	Mathprof (13753)
Last modified by	Mathprof (13753)
Numerical id	6
Author	Mathprof (13753)
Entry type	Definition
Classification	msc 15A99
Synonym	essentially nonnegative matrix

A square matrix  $A = (a_{ij})$  is a *quasipositive* matrix if it is nonnegative except perhaps on its main diagonal, i.e.,  $a_{ij} \geq 0$  for  $i \neq j$ .