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invertible linear transformation

Canonical name	InvertibleLinearTransformation
Date of creation	2013-03-22 12:19:16
Last modified on	2013-03-22 12:19:16
Owner	djao (24)
Last modified by	djao (24)
Numerical id	5
Author	djao (24)
Entry type	Definition
Classification	msc 15A04
Defines	invertible

An invertible linear transformation is a linear transformation  $T : V \longrightarrow W$  which is a bijection.

If  $V$  and  $W$  are finite dimensional, the linear transformation  $T$  is invertible if and only if the matrix of  $T$  is not singular.