Why

Definition

A *projector matrix* is an idempotent matrix. We also call these *projectors* or *projection matrices*.

Projector Matrices

Matrix Squares

Matrix-Matrix Products

Matrices

Vectors

Fields   N-Dimensional Space

Groups   Real Numbers   Space

Algebras   Rational Numbers

Integer Numbers   Operations

Zero   Functions

Natural Numbers   Relations

Set Intersections   Set Unions   Ordered Pairs

Pair Intersections   Empty Set   Unordered Pairs

Equation Solutions   Set Specification

Set Inclusion

Standardized Accounts

Accounts   Definitions

Deductions   Quantified Statements

Logical Statements

Statements

Identities   Sets

Names

Letters   Objects