

realtranspose v1.0

The REAL way to transpose a Matrix

Lars Quentin

October 8, 2020

`realtranspose` is a package for \LaTeX that allows writing a transposition by actually rotating the characters provided. This follows the geometric intuition of a matrix transposition. In action, it looks like

$$A^T =: \mathcal{A}$$

It also preserves the math style, for example $\mathfrak{t}^{\mathfrak{o}}_{\mathfrak{w}}$ keeps the indices in text style while

$$\mathcal{T}(\mathcal{W})^{\mathcal{O}}_{\mathcal{w}}$$

has the real display style indices.

Installation

The only package needed is `graphicx`. Just install it with

```
latex realtranspose.ins
```