realtranspose v1.1
The REAL way to transpose a Matrix

Lars Quentin
October 10, 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

\[ A^T =: \rotateleft{\times} \]

It also preserves the math style, for example \rotateleft{\textstyle \sum_{j=0}^n} keeps the indizes in text style while \rotateleft{\dysum_{j=0}^n} has the real display style indizes.

Installation
The only package needed is graphicx. Just install it with
\latex\ realtranspose.ins