

# The `fouridx` package\*

Stefan Karrmann  
s.karrmann at web.de

File Date 2008/03/27, Printed April 8, 2008

## Abstract

This package enables left subscripts and superscripts in math mode. These subscripts and superscripts are automatically raised for better fitting to the symbol they belong to. This is done in such a way that the left and right subscripts and superscripts are set on the same line, respectively.

## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Usage of the package</b>	<b>2</b>
<b>3</b>	<b>The implementation</b>	<b>2</b>

## Copyright

Copyright 2007 Stefan Karrmann.

This program can be redistributed and/or modified under the terms of the LaTeX Project Public License Distributed from CTAN archives in directory `macros/latex/base/lppl.txt`; either version 1 of the License, or any later version.

## 1 Introduction

In mathematical equations, it is sometimes necessary to use indices (subscript or superscript) that are positioned at the left side of a symbol. In tensor mathematics, for instance, some notations use a transposed sign at the left side of the symbol:

$${}^t(A_{ij}) = (A_{ji})$$

For symbols with a normal character height, this can be reached by simply put the indices without an own symbol:

$$\$_{1^2}a_{3^4} \qquad {}_1^2a_3^4$$

Is the symbol larger, this leads to unsatisfactory results:

---

\*This file has version 1.00 last revised 2008/03/27.

