

Lettertypen voor T_EX

Wat hebben we al in de kast liggen?

Siep Kroonenberg

NTG Dag 8 juni 2007 in Utrecht

Onderwerpen

- Hoe vind ik fonts in mijn T_EX installatie?
- Alternatieven voor wiskunde
- T_EX Gyre
- Display fonts

Hoe vind ik fonts in mijn T_EX installatie?

- CTAN catalogus ('Distributions' knop!)
- 'A Survey of Free Math Fonts' (Hartke)
CTAN: [info/Free_Math_Font_Survey/](#)
T_EX Live: [texmf-doc/doc/english/free-math-fonts-survey/](#)
- UK T_EX FAQ
Online: <http://www.tex.ac.uk/faq>
CTAN: [help/uk-tex-faq/](#)
T_EX Live: [texmf-doc/doc/english/FAQ-en/](#)
- 'The Comprehensive L^AT_EX Symbol List'
CTAN: [info/symbols/comprehensive/](#)
T_EX Live: [texmf-doc/doc/english/comprehensive/](#)
- T_EX installatie
T_EX Live: [texmf-dist/doc/fonts/](#)
MikT_EX26: [<MikTeXroot>/doc/fonts/](#)

THE **TEX** CATALOGUE
ONLINE

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arev

Fonts and LaTeX support files for Arev Sans.

[Visit](#)[Download](#)[Documentation](#)[Distributions](#)

This package is included in TeX Live.



This package is included in MikTeX.

The package arev provides type 1 and virtual fonts, together with LaTeX packages for using **Arev Sans** in both text and mathematics. Arev Sans is a derivative of Bitstream Vera Sans created by Tavmjong Bah, adding support for Greek and Cyrillic characters. Bah also added a few variant letters that are more appropriate for mathematics. The primary purpose for using Arev Sans in LaTeX is presentations, particularly when using a computer projector. In such a context, Arev Sans is quite readable, with large x-height, "open letters", wide spacing, and is very similar to the SlTeX font lcms, but heavier.

A small number of sans-font mathematics support packages. Others are **kerkis**.

The author is Stephen Hartke.

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Alternatieven voor wiskunde

Concrete met Euler

`\usepackage{ccfonts,eulervm}`

Theorem 1 (Residue Theorem). Let f be analytic in the region G except ... then

$$\frac{1}{2\pi i} \int_{\gamma} f = \sum_{k=1}^m n(\gamma; a_k) \text{Res}(f; a_k).$$

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Bookman met Euler

`\usepackage{bookman,eulervm}`

Theorem 1 (Residue Theorem). Let f be analytic in the region G except . . . then

$$\frac{1}{2\pi i} \int_{\gamma} f = \sum_{k=1}^m n(\gamma; a_k) \operatorname{Res}(f; a_k).$$

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Arev (=Bitstream Vera Sans)

`\usepackage{arev}`

Theorem 1 (Residue Theorem). Let f be analytic in the region G except ... then

$$\frac{1}{2\pi i} \int_{\gamma} f = \sum_{k=1}^m n(\gamma; a_k) \operatorname{Res}(f; a_k).$$

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Iwona

`\usepackage[math]{iwona}`

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¿But aren't *Kafka's* SCHLOß and *Æsop's* ŒUVRES often naïve vis-à-vis the **dæmonic phœnix's** OFFICIAL RÔLE in fluffy soufflés?

Theorem 1 (Residue Theorem). Let f be analytic in the region G except ...then

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Antikwa Torunska

`\usepackage[math]{anttor}`

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Charter met Math Design

```
\usepackage[charter]{mathdesign}
```

Theorem 1 (Residue Theorem). Let f be analytic in the region G except ... then

$$\frac{1}{2\pi i} \int_{\gamma} f = \sum_{k=1}^m n(\gamma; a_k) \text{Res}(f; a_k).$$

$\alpha\beta\partial\delta\epsilon\zeta\xi\eta\theta\iota\kappa\lambda\mu\nu\omega\chi\psi\infty\alpha\emptyset\delta\epsilon$

Utopia met Math Design

`\usepackage[utopia]{mathdesign}`

Theorem 1 (Residue Theorem). Let f be analytic in the region G except ... then

$$\frac{1}{2\pi i} \int_{\gamma} f = \sum_{k=1}^m n(\gamma; a_k) \text{Res}(f; a_k).$$

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Fourier (gebaseerd op Utopia)

`\usepackage{fourier}`

Theorem 1 (Residue Theorem). Let f be analytic in the region G except ... then

$$\frac{1}{2\pi i} \int_{\gamma} f = \sum_{k=1}^m n(\gamma; a_k) \text{Res}(f; a_k).$$

$\alpha\beta\delta\delta\epsilon\epsilon\xi\gamma\hbar\iota\kappa\kappa\ell\lambda\eta\theta\theta\sigma\varsigma\phi\phi\phi\rho\rho\tau\pi\mu\nu\omega\omega\chi\psi\infty\alpha\ \phi\delta\ \varepsilon$

TeX Gyre

- Uitbreiding van de URW versies van de standaard PostScript fonts
- Zeer veel letters met accenten, voor Oost- en West-Europese talen
- Geen virtuele fonts nodig
- Kleine kapitalen en hangende cijfers
- .pfm files voor gebruik onder Windows
- Ook OpenType versies

Bookman → Bonum

```
\usepackage{tgbonum}
```

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¿But aren't *Kafka's* SCHLOSS and *Æsop's* ŒUVRES often naïve vis-à-vis the **dæmonic phoenix's OFFICIAL RÔLE** in fluffy soufflés?

Palatino → Pagella met mathpazo

```
\usepackage{mathpazo,tgpagella}
```

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Times → Termes met txfonts

```
\usepackage{txfonts,tgtermes}
```

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Display fonts

Augie: kinderhandschrift

```
\fontfamily{augie}\selectfont
```

Feest (met taart) !!!

Fraktur fonts

```
\fontencoding{U}
```

```
\fontfamily{yfrak (of yswab of ygoth)}\selectfont
```

De Laudibus S. Crucis

Te Igitur

Codex Emilianensis

Initialen

```
\usepackage{graphicx,lettrine}  
\setcounter{DefaultLines}{3}  
\renewcommand\LettrineFont{%  
  \fontfamily{fav}\fontsize{48pt}{48pt}\bfseries}  
...  
\lettrine{T}{ o come back} to the use of ...
```

TO COME BACK to the use of typefaces in electronic publishing: many of the new typographers receive their knowledge and information about the rules of typography from books, from computer magazines or the instruction manuals which they get with the purchase of a PC or software.