

The SkakNew fonts & AlphaDia

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This document describes the fonts **SkakNew** and **AlphaDia**. **AlphaDia** is based on the popular font **ChessAlpha** by Eric Bentzen. The **SkakNew** fonts are a set of PostScript™ Type-1 fonts converted by **mftrace/autotrace** from METAFONT sources based on the **Skak** fonts by Torben Hoffmann and Dirk Bächle which themselves are based on **chess** by Piet Tutelaers.

The conversion process was only the first step. A lot of work went into cleaning the outlines (reducing nodes, adding missing extremes, correcting wrong outline direction, etc.pp.). The next step included better glyph metrics both horizontally & vertically, better sidebearings and consistent axis height (adapted to the values of **Computer Modern**) ...

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<http://www.latex-project.org/lppl.txt>

and version 1.2 or later is part of all distributions of LaTeX version 1999/12/01 or later.

Further technical information in german on

<http://www.art-satz.de/portfolio/schriften.html>.

Package contents

```
README
fonttables.pdf
AlphaDia.{afm,inf,pfb,pfm,tfm}
SkakNew-Diagram.{afm,inf,pfb,pfm,pl,tfm}
SkakNew-DiagramT.{afm,inf,pfb,pfm,pl,tfm}
SkakNew-Figurine.{afm,inf,pfb,pfm,tfm}
SkakNew-FigurineBold.{afm,inf,pfb,pfm,tfm}
SkakNew.map
SkakNew.pdf
SkakNew.tex
SkakNew.ali
install.vtex
```

Installation directories for TDS-based systems:

```
/texmf/fonts/type1 for the *.pfb
/texmf/fonts/tfm for the *.tfm
/texmf/dvips/config for map file
fd file where LaTeX can find it
```

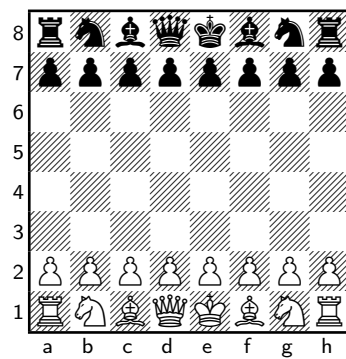
For diagrams in very small sizes there's a supplemental font **SkakNew-DiagramT** with fewer & thicker diagonal strokes.

SkakNew-Diagram	SkakNew-Figurine (regular & bold)									
0										
A		a		-	-	N		e		
B		b		A	→	O	»	f	±	t
J		j		B		P		g		u
K		k		C	↑	Q		h	+−	v
L		l		D	⊙	R		i	−+	x
M		m		E	△	S	>	j	=	y
N		n		F	□	T	⊕	k	∞	
O		o		G	↗	U	○	l	—	
P		p		H	↔	V	↔	m	#	
Q		q		I	⊞	X	×	n	∞	
R		r		J	×	a		o		
S		s		K		b	∩	p		
Z				L	⊥	c	±	q	∞	

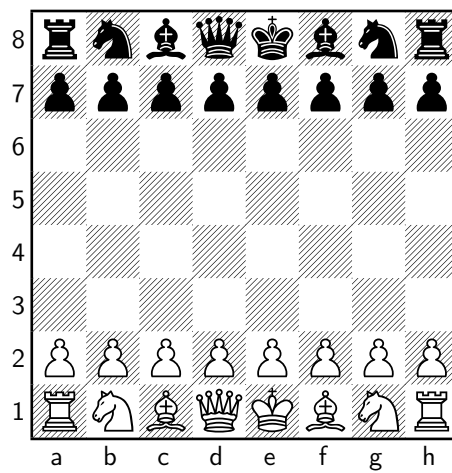
1 e4± e6± 2 d4± d5± 3 ♖c3± ♙b4± 4 e5= c5∞ 5 a3∞ ♙xc3+⊙ 6 bxc3○
 ♜e7→ 7 ♙g4↑ ZZ0-0↔ 8 ♙d3⊙ f5# 9 exf6△ ♙xf6□ 10 ♙g5∩ ♙f7↔ 11 ♙h5↗
 g6⊞ 12 ♙d1» ♙a5« 13 ♙d2× ♜bc6⊥ 14 ♜f3♣ ♙c7♣ 15 ZZ0-0♣ e5∞ 16
 ♜g5∞-∞ ♙f8∞ 17 c4♠ exd4> 18 ♙e1⊕ ♙f5N 19 cxd5RR ♜xd5R 20 ♙c4⊥ ♙ad8⊥
 21 ♙f3|| ♙d6— 22 ♙b3× b6○ 23 ♜e4

1 e4± e6± 2 d4± d5± 3 ♖c3± ♙b4± 4 e5= c5∞ 5 a3∞ ♙xc3+⊙ 6
 bxc3○ ♜e7→ 7 ♙g4↑ ZZ0-0↔ 8 ♙d3⊙ f5# 9 exf6△ ♙xf6□ 10 ♙g5∩
 ♙f7↔ 11 ♙h5↗ g6⊞ 12 ♙d1» ♙a5« 13 ♙d2× ♜bc6⊥ 14 ♜f3♣ ♙c7♣
 15 ZZ0-0♣ e5∞ 16 ♜g5∞-∞ ♙f8∞ 17 c4♠ exd4> 18 ♙e1⊕ ♙f5N 19
 cxd5RR ♜xd5R 20 ♙c4⊥ ♙ad8⊥ 21 ♙f3|| ♙d6— 22 ♙b3× b6○ 23
 ♜e4

SkakNew-DiagramT for sizes up to 16pt



SkakNew-Diagram for sizes from 16pt up



AlphaDia

