This is a test file for the various implementations of blackboard bold typefaces in TEX. It was written by Olaf Kummer during July 1998. It is unsupported.
Using this file you can preview the different fonts in a postscript file without actually installing all the fonts. This might help you in choosing a font that is most appropriate for your task. The author has prepared a blackboard bold font himself, but he hopes that this file shows as little prejudice as possible.
`testfont.tex` was used to prepare the font tables in this document.

Test of bbold10 on July 8, 1998 at 0842

	´0	´1	´2	´3	´4	´5	´6	´7	
´00x	Γ	Δ	Θ	Λ	Ξ	Π	Σ	Υ	″0x
´01x	Φ	Ψ	Ω	α	β	γ	δ	ϵ	
´02x	ζ	η	θ	ι	κ	λ	μ	ν	″1x
´03x	ξ	π	ρ	σ	τ	υ	ϕ	χ	
´04x	ψ	!	”	#	$	%	&	’	″2x
´05x	(	)	*	+	,	-	.	/	
´06x	0	1	2	3	4	5	6	7	″3x
´07x	8	9	:	;	<	∘	>	?	
´10x	@	A	B	C	D	E	F	G	″4x
´11x	H	I	J	K	L	M	N	O	
´12x	P	Q	R	S	T	U	V	W	″5x
´13x	X	Y	Z	[	\	]	⟨	⟩	
´14x	‘	a	b	c	d	e	f	g	″6x
´15x	h	i	j	k	l	m	n	o	
´16x	p	q	r	s	t	u	v	w	″7x
´17x	x	y	z	–	‖	—	“	ω	
	″8	″9	″A	″B	″C	″D	″E	″F	

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$

$$\forall x \in \mathbb{N} : x + x \in \mathbb{N}$$

$$\mathbb{N}\,\mathbb{Z}\,\mathbb{Q}\,\mathbb{R}\,\mathbb{C}$$

This is the `bbold` font created by Alan Jeffrey (`alanje@cogs.susx.ac.uk`). It can be found on CTAN at `/tex-archive/fonts/bbold`.

	´0	´1	´2	´3	´4	´5	´6	´7	
´06x		$\mathbb{1}$							″3x
´07x									
´10x		$\mathbb{A}$	$\mathbb{B}$	$\mathbb{C}$	$\mathbb{D}$	$\mathbb{E}$	$\mathbb{F}$	$\mathbb{G}$	″4x
´11x	$\mathbb{H}$	$\mathbb{I}$	$\mathbb{J}$	$\mathbb{K}$	$\mathbb{L}$	$\mathbb{M}$	$\mathbb{N}$	$\mathbb{O}$	
´12x	$\mathbb{P}$	$\mathbb{Q}$	$\mathbb{R}$	$\mathbb{S}$	$\mathbb{T}$	$\mathbb{U}$	$\mathbb{V}$	$\mathbb{W}$	″5x
´13x	$\mathbb{X}$	$\mathbb{Y}$	$\mathbb{Z}$						
´14x		$\mathbb{A}$							″6x
´15x	$\mathbb{h}$			$\mathbb{k}$					
	″8	″9	″A	″B	″C	″D	″E	″F	

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$

$$\forall x \in \mathbb{N} : x + x \in \mathbb{N}$$

$\mathbb{NZQRC}$

This is the `dsrom` font created by Olaf Kummer (`kummer@informatik.uni-hamburg.de`). It can be found on CTAN at `/tex-archive/fonts/doublestroke`.

	´0	´1	´2	´3	´4	´5	´6	´7	
´06x		$\mathbb{1}$							″3x
´07x									
´10x		$\mathbb{A}$	$\mathbb{B}$	$\mathbb{C}$	$\mathbb{D}$	$\mathbb{E}$	$\mathbb{F}$	$\mathbb{G}$	″4x
´11x	$\mathbb{H}$	$\mathbb{I}$	$\mathbb{J}$	$\mathbb{K}$	$\mathbb{L}$	$\mathbb{M}$	$\mathbb{N}$	$\mathbb{O}$	
´12x	$\mathbb{P}$	$\mathbb{Q}$	$\mathbb{R}$	$\mathbb{S}$	$\mathbb{T}$	$\mathbb{U}$	$\mathbb{V}$	$\mathbb{W}$	″5x
´13x	$\mathbb{X}$	$\mathbb{Y}$	$\mathbb{Z}$						
´14x		$\mathbb{A}$							″6x
´15x	$\mathbb{h}$			$\mathbb{k}$					
	″8	″9	″A	″B	″C	″D	″E	″F	

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$

$$\forall x \in \mathbb{N} : x + x \in \mathbb{N}$$

$$\mathbb{N}\mathbb{Z}\mathbb{Q}\mathbb{R}\mathbb{C}$$

This is the `dsss` font created by Olaf Kummer (`kummer@informatik.uni-hamburg.de`). It can be found on CTAN at `/tex-archive/fonts/doublestroke`.

Test of bbm10 on July 8, 1998 at 0842

	´0	*´1*	*´2*	*´3*	*´4*	*´5*	*´6*	*´7*	
´04x									″2x
´05x	⦅	⦆							
´06x		𝟙	𝟚						″3x
´07x									
´10x		𝔸	𝔹	ℂ	𝔻	𝔼	𝔽	𝔾	″4x
´11x	ℍ	𝕀	𝕁	𝕂	𝕃	𝕄	ℕ	𝕆	
´12x	ℙ	ℚ	ℝ	𝕊	𝕋	𝕌	𝕍	𝕎	″5x
´13x	𝕏	𝕐	ℤ	⟦		⟧			
´14x		𝕒	𝕓	𝕔	𝕕	𝕖	𝕗	𝕘	″6x
´15x	𝕙	𝕚	𝕛	𝕜	𝕝	𝕞	𝕟	𝕠	
´16x	𝕡	𝕢	𝕣	𝕤	𝕥	𝕦	𝕧	𝕨	″7x
´17x	𝕩	𝕪	𝕫						
	″8	″9	″A	″B	″C	″D	″E	″F	

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$

$$\forall x \in \mathbb{N} : x + x \in \mathbb{N}$$

$$\mathbb{N}\,\mathbb{Z}\,\mathbb{Q}\,\mathbb{R}\,\mathbb{C}$$

This is the `bbm` font created by Gilles F. Robert (`gfrobert@umpa.ens-lyon.fr`). It can be found on CTAN at `/tex-archive/fonts/cm/bbm`. On the following pages a few of the many variants of the `bbm` font are presented.

Test of bbmbx10 on July 8, 1998 at 0842

	´0	´1	´2	´3	´4	´5	´6	´7	
´04x									″2x
´05x	⦅	⦆							
´06x		$\mathbb{1}$	$\mathbb{2}$						″3x
´07x									
´10x		$\mathbb{A}$	$\mathbb{B}$	$\mathbb{C}$	$\mathbb{D}$	$\mathbb{E}$	$\mathbb{F}$	$\mathbb{G}$	″4x
´11x	$\mathbb{H}$	$\mathbb{I}$	$\mathbb{J}$	$\mathbb{K}$	$\mathbb{L}$	$\mathbb{M}$	$\mathbb{N}$	$\mathbb{O}$	
´12x	$\mathbb{P}$	$\mathbb{Q}$	$\mathbb{R}$	$\mathbb{S}$	$\mathbb{T}$	$\mathbb{U}$	$\mathbb{V}$	$\mathbb{W}$	″5x
´13x	$\mathbb{X}$	$\mathbb{Y}$	$\mathbb{Z}$	⟦		⟧			
´14x		$\mathbb{a}$	$\mathbb{b}$	$\mathbb{c}$	$\mathbb{d}$	$\mathbb{e}$	$\mathbb{f}$	$\mathbb{g}$	″6x
´15x	$\mathbb{h}$	$\mathbb{i}$	$\mathbb{j}$	$\mathbb{k}$	$\mathbb{l}$	$\mathbb{m}$	$\mathbb{n}$	$\mathbb{o}$	
´16x	$\mathbb{p}$	$\mathbb{q}$	$\mathbb{r}$	$\mathbb{s}$	$\mathbb{t}$	$\mathbb{u}$	$\mathbb{v}$	$\mathbb{w}$	″7x
´17x	$\mathbb{x}$	$\mathbb{y}$	$\mathbb{z}$						
	″8	″9	″A	″B	″C	″D	″E	″F	

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$

$$\forall x \in \mathbb{N} : x + x \in \mathbb{N}$$

$$\mathbb{N}\mathbb{Z}\mathbb{Q}\mathbb{R}\mathbb{C}$$

Test of bbmsl10 on July 8, 1998 at 0842

	´0	´1	´2	´3	´4	´5	´6	´7	
´04x									″2x
´05x	⦅	⦆							
´06x		$\mathbb{1}$	$\mathbb{2}$						″3x
´07x									
´10x		$\mathbb{A}$	$\mathbb{B}$	$\mathbb{C}$	$\mathbb{D}$	$\mathbb{E}$	$\mathbb{F}$	$\mathbb{G}$	″4x
´11x	$\mathbb{H}$	$\mathbb{I}$	$\mathbb{J}$	$\mathbb{K}$	$\mathbb{L}$	$\mathbb{M}$	$\mathbb{N}$	$\mathbb{O}$	
´12x	$\mathbb{P}$	$\mathbb{Q}$	$\mathbb{R}$	$\mathbb{S}$	$\mathbb{T}$	$\mathbb{U}$	$\mathbb{V}$	$\mathbb{W}$	″5x
´13x	$\mathbb{X}$	$\mathbb{Y}$	$\mathbb{Z}$	⟦		⟧			
´14x		a	b	c	d	e	f	g	″6x
´15x	h	i	j	k	l	m	n	o	
´16x	p	q	r	s	t	u	v	w	″7x
´17x	x	y	z						
	″8	″9	″A	″B	″C	″D	″E	″F	

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$

$$\forall x \in \mathbb{N} : x + x \in \mathbb{N}$$

$$\mathbb{NZQRC}$$

Test of bbmss10 on July 8, 1998 at 0842

	´0	´1	´2	´3	´4	´5	´6	´7	
´04x									˝2x
´05x	⦅	⦆							
´06x		$\mathbb{1}$	$\mathbb{2}$						˝3x
´07x									
´10x		$\mathbb{A}$	$\mathbb{B}$	$\mathbb{C}$	$\mathbb{D}$	$\mathbb{E}$	$\mathbb{F}$	$\mathbb{G}$	˝4x
´11x	$\mathbb{H}$	$\mathbb{I}$	$\mathbb{J}$	$\mathbb{K}$	$\mathbb{L}$	$\mathbb{M}$	$\mathbb{N}$	$\mathbb{O}$	
´12x	$\mathbb{P}$	$\mathbb{Q}$	$\mathbb{R}$	$\mathbb{S}$	$\mathbb{T}$	$\mathbb{U}$	$\mathbb{V}$	$\mathbb{W}$	˝5x
´13x	$\mathbb{X}$	$\mathbb{Y}$	$\mathbb{Z}$	⟦		⟧			
´14x		$\mathbb{a}$	$\mathbb{b}$	$\mathbb{c}$	$\mathbb{d}$	$\mathbb{e}$	$\mathbb{f}$	$\mathbb{g}$	˝6x
´15x	$\mathbb{h}$	$\mathbb{i}$	$\mathbb{j}$	$\mathbb{k}$	$\mathbb{l}$	$\mathbb{m}$	$\mathbb{n}$	$\mathbb{o}$	
´16x	$\mathbb{p}$	$\mathbb{q}$	$\mathbb{r}$	$\mathbb{s}$	$\mathbb{t}$	$\mathbb{u}$	$\mathbb{v}$	$\mathbb{w}$	˝7x
´17x	$\mathbb{x}$	$\mathbb{y}$	$\mathbb{z}$						
	˝8	˝9	˝A	˝B	˝C	˝D	˝E	˝F	

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$

$$\forall x \in \mathbb{N} : x + x \in \mathbb{N}$$

$$\mathbb{NZQRC}$$

Test of msbm10 on July 8, 1998 at 0842

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	$\lvertneqq$	$\gvertneqq$	$\nleq$	$\ngeq$	$\nless$	$\ngtr$	$\nprec$	$\nsucc$	"0x
'01x	$\lneqq$	$\gneqq$	$\nleqslant$	$\ngeqslant$	$\lneq$	$\gneq$	$\npreceq$	$\nsucceq$	
'02x	$\precnsim$	$\succnsim$	$\lnsim$	$\gnsim$	$\nleqq$	$\ngeqq$	$\precneqq$	$\succneqq$	"1x
'03x	$\precnapprox$	$\succnapprox$	$\lnapprox$	$\gnapprox$	$\nsim$	$\ncong$	$\diagup$	$\diagdown$	
'04x	$\varsubsetneq$	$\varsupsetneq$	$\nsubseteqq$	$\nsupseteqq$	$\subsetneqq$	$\supsetneqq$	$\varsubsetneqq$	$\varsupsetneqq$	"2x
'05x	$\subsetneq$	$\supsetneq$	$\nsubseteq$	$\nsupseteq$	$\nparallel$	$\nmid$	$\nshortmid$	$\nshortparallel$	
'06x	$\nvdash$	$\nVdash$	$\nvDash$	$\nVDash$	$\ntrianglerighteq$	$\ntrianglelefteq$	$\ntriangleleft$	$\ntriangleright$	"3x
'07x	$\nleftarrow$	$\nrightarrow$	$\nLeftarrow$	$\nRightarrow$	$\nLeftrightarrow$	$\nleftrightarrow$	$\divideontimes$	$\varnothing$	
'10x	$\nexists$	$\mathbb{A}$	$\mathbb{B}$	$\mathbb{C}$	$\mathbb{D}$	$\mathbb{E}$	$\mathbb{F}$	$\mathbb{G}$	"4x
'11x	$\mathbb{H}$	$\mathbb{I}$	$\mathbb{J}$	$\mathbb{K}$	$\mathbb{L}$	$\mathbb{M}$	$\mathbb{N}$	$\mathbb{O}$	
'12x	$\mathbb{P}$	$\mathbb{Q}$	$\mathbb{R}$	$\mathbb{S}$	$\mathbb{T}$	$\mathbb{U}$	$\mathbb{V}$	$\mathbb{W}$	"5x
'13x	$\mathbb{X}$	$\mathbb{Y}$	$\mathbb{Z}$	$\widehat{\quad}$	$\widehat{\qquad}$	$\widetilde{\quad}$	$\widetilde{\qquad}$		
'14x	$\Finv$	$\Game$					$\mho$	$\eth$	"6x
'15x	$\eqsim$	$\beth$	$\gimel$	$\daleth$	$\lessdot$	$\gtrdot$	$\ltimes$	$\rtimes$	
'16x	$\shortmid$	$\shortparallel$	$\smallsetminus$	$\thicksim$	$\thickapprox$	$\approxeq$	$\succapprox$	$\precapprox$	"7x
'17x	$\curvearrowleft$	$\curvearrowright$	$\digamma$	$\varkappa$	$\Bbbk$	$\hslash$	$\hbar$	$\backepsilon$	
	"8	"9	"A	"B	"C	"D	"E	"F	

$$\mathbb{N} \subset \mathbb{Z} \subset \mathbb{Q} \subset \mathbb{R} \subset \mathbb{C}$$

$$\forall x \in \mathbb{N} : x + x \in \mathbb{N}$$

$$\mathbb{NZQRC}$$

This is the classical AMS font `msbm` reachead via the `\mathbb` command. It is usually distributed with every TEX system.