

Syntax for **postscript enhanced** option

enhpost is the product of David Denholm and Matt Heffron.

This guide is the product of Dick Crawford.

	text	result
Superscripts are denoted by ^:	'10 ⁻² '	10 ⁻²
Subscripts are denoted by _:	'A _{j,k} '	A _{j,k}
Braces are not needed for single characters:	'e ^x '	e ^x
Use @ to align sub- and superscripts:	'x@ ² _k '	x _k ²
Put the shorter of the two first:	'x@ ^{-3/2} ₀ y'	x ₀ ^{-3/2} y
...rather than:	'x@ ^{-3/2} _{0y} '	x _{0y} ^{-3/2}
Font changes are enclosed in braces:	'{/Helvetica m}'	m
...size, too:	'{/8 m}'	m
...or both:	'{/Helvetica=18 m}'	m
Characters can be specified by code:	'{\120}'	P
...which is how to get nonkeyboard characters:	'{\267}'	•
Use keyboard characters or codes for other fonts:	'{/Symbol p\271 22/7}'	π≠ 22/7
Everything outside braces is in the default font:	'P = {/Symbol r}kT'	P = ρkT
Space of a given size can be inserted with &:	'<junk>'	<junk>
	'&<junk>'	< >
Special characters (^,_,{,},@,&,\\) can be escaped by \:	'f{x,y\}'	f{x,y}
...or \\ if within a double-quoted string:	"f\\{x,y\\}"	f{x,y}

Everything can be done recursively:

the text

```
'{/Symbol=18 \362@_{/=9.6 0}^{\245}
```

```
{/Helvetica e^{-{/Symbol m}^2/2} d}{/Symbol m = (p/2)^{1/2}}'
```

produces the result:

$$\int_0^\infty e^{-\mu^2/2} d\mu = (\pi/2)^{1/2}$$

Note how font sizes and definitions are preserved across pairs of braces.

The default font for this page is /Times-Roman=12. These and other options may be changed on the command **set terminal postscript**. See the manual or **help postscript** for details.

PostScript Character Codes

T = text (here Times-Roman) S = Symbol Z = ZapfDingbats E = ISO Latin-1 encoding
 (the "E" character set is accessed via an option on "set encoding")

T	S	Z	E		T	S	Z	E		T	S	Z	E		T	S	Z	E						
040					111	I	I	☆	I	162	r	ρ	□	r	256	fi	→	③	®	327	×	·	↕	×
041	!	!	✂	!	112	J	∅	⊛	J	163	s	σ	▲	s	257	fl	↓	④	-	330	∅	¬	▶	∅
042	"	∇	✂	"	113	K	K	☆	K	164	t	τ	▼	t	260	°	°	⑤	°	331	Ù	^	→	Ù
043	#	#	✂	#	114	L	Λ	☆	L	165	u	υ	◆	u	261	-	±	⑥	±	332	Ú	∨	▶	Ú
044	\$	∃	✂	\$	115	M	M	☆	M	166	v	ϖ	⚡	v	262	†	"	⑦	²	333	Û	↔	→	Û
045	%	%	⚡	%	116	N	N	☆	N	167	w	ω	◐	w	263	‡	≥	⑧	³	334	Ü	⇐	→	Ü
046	&	&	⌘	&	117	O	O	☆	O	170	x	ξ	|	x	264	·	×	⑨	´	335	Ý	↑	→	Ý
047	'	ə	⌘	'	120	P	Π	☆	P	171	y	ψ	|	y	265	μ	∞	⑩	μ	336	Þ	⇒	→	Þ
050	(	(	✂	(	121	Q	Θ	★	Q	172	z	ζ	■	z	266	¶	∂	①	¶	337	ß	↓	→	ß
051	)	)	⌘	)	122	R	P	★	R	173	{	{	‘	{	267	•	•	②	•	340	à	◇	⇒	à
052	*	*	✂	*	123	S	Σ	*	S	174	|	|	’	|	270	,	÷	③	,	341	Æ	⟨	→	á
053	+	+	✂	+	124	T	T	*	T	175	}	}	“	}	271	„	≠	④	¹	342	â	®	➤	â
054	,	,	✂	,	125	U	Y	⚡	U	176	~	~	”	~	272	”	≡	⑤	°	343	ª	©	➤	ã
055	-	-	✂	-	126	V	ς	*	V	220			ı		273	»	≈	⑥	»	344	ä	™	➤	ä
056	.	.	✂	.	127	W	Ω	*	W	221			`		274	...	...	⑦	¼	345	å	Σ	➤	å
057	/	/	—	/	130	X	Ξ	*	X	222			^		275	%	|	⑧	½	346	æ	(	➤	æ
060	0	0	✂	0	131	Y	Ψ	*	Y	223			~		276	¾	—	⑨	¾	347	ç	|	➤	ç
061	1	1	✂	1	132	Z	Z	⚡	Z	224			~		277	¿	↵	⑩	¿	350	È	(	➤	è
062	2	2	✂	2	133	[	[	*	[	225			-		300	À	⌘	①	À	351	Ø	|	➤	é
063	3	3	✓	3	134	\	\	*	\	226			~		301	`	Ɔ	②	Á	352	Œ	|	➤	ê
064	4	4	✓	4	135	]	]	*	]	227			·		302	˘	ℜ	③	Â	353	°	|	➤	ë
065	5	5	✕	5	136	^	⊥	⚡	^	230			..		303	^	∅	④	Ã	354	ì	|	➤	ì
066	6	6	✕	6	137	_	_	⚡	_	232			°		304	~	⊗	⑤	Ä	355	í	|	➤	í
067	7	7	✕	7	140	‘	—	⚡	‘	233			˘		305	-	⊕	⑥	Å	356	î	|	➤	î
070	8	8	✕	8	141	a	α	⚡	a	235			˘		306	˘	∅	⑦	Æ	357	ï	|	➤	ï
071	9	9	⊕	9	142	b	β	*	b	236			˘		307	·	∩	⑧	Ç	360	ð			ð
072	:	:	⊕	:	143	c	χ	⚡	c	237			˘		310	..	∪	⑨	È	361	æ	⟩	➤	ñ
073	;	;	⊕	;	144	d	δ	⚡	d	240			€		311	É	⊃	⑩	É	362	ò	|	➤	ò
074	<	<	⊕	<	145	e	ε	⚡	e	241	i	Y	⌘	i	312	°	⊃	①	Ê	363	ó	|	➤	ó
075	=	=	†	=	146	f	φ	⚡	f	242	ç	’	⚡	ç	313	˘	∩	②	Ë	364	ô	|	➤	ô
076	>	>	†	>	147	g	γ	⚡	g	243	£	≤	⚡	£	314	ì	∩	③	Ì	365	ı	|	➤	õ
077	?	?	†	?	150	h	η	⚡	h	244	/	/	♥	α	315	˘	∩	④	Í	366	ö	|	➤	ö
100	@	≡	⌘	@	151	i	ι	*	i	245	¥	∞	⚡	¥	316	˘	∩	⑤	Î	367	÷	|	➤	÷
101	A	A	☆	A	152	j	φ	*	j	246	f	f	⊙	|	317	˘	∩	⑥	Ï	370	∅	|	➤	∅
102	B	B	⌘	B	153	k	κ	*	k	247	§	♣	⚡	§	320	—	∠	⑦	Ð	371	ø	|	➤	ù
103	C	X	⌘	C	154	l	λ	●	l	250	α	◆	♣	..	321	Ñ	∇	⑧	Ñ	372	œ	|	➤	ú
104	D	Δ	⌘	D	155	m	μ	○	m	251	'	♥	◆	©	322	Ò	®	⑨	Ò	373	ß	|	➤	û
105	E	E	⌘	E	156	n	v	■	n	252	“	♠	♥	ª	323	Ó	©	⑩	Ó	374	ü	|	➤	ü
106	F	Φ	⌘	F	157	o	o	□	o	253	«	↔	♠	«	324	Ô	™	→	Ô	375	ý	|	➤	ý
107	G	Γ	⌘	G	160	p	π	□	p	254	<	←	①	¬	325	Õ	Π	→	Õ	376	þ	|	➤	þ
110	H	H	★	H	161	q	θ	□	q	255	>	↑	②	-	326	Ö	√	↔	Ö	377	ÿ			ÿ