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^2_k
Put the shorter of the two first:	'x@_0^{-3/2}y'	$x_0^{-3/2}y$
...rather than:	'x@^{-3/2}_0y'	$x_0{}^{-3/2}_{}y$
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}'	$\pi \neq 22/7$
Everything outside braces is in the default font:	'P = {/Symbol r}kT'	$P = \rho kT$
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}^{/=12 \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")

Code	T	S	Z	E
040				
041	!	!	✁	!
042	"	∀	✂	"
043	#	#	✄	#
044	$	∃	✃	$
045	%	%	✆	%
046	&	&	✌	&
047	'	∍	☺	'
050	(	(	✇	(
051	)	)	✈	)
052	*	∗	☞	*
053	+	+	☞	+
054	,	,	✍	,
055	-	−	✎	−
056	.	.	✐	.
057	/	/	✏	/
060	0	0	✑	0
061	1	1	✒	1
062	2	2	✓	2
063	3	3	✔	3
064	4	4	✔	4
065	5	5	✖	5
066	6	6	✗	6
067	7	7	✘	7
070	8	8	✗	8
071	9	9	✙	9
072	:	:	✚	:
073	;	;	✛	;
074	<	<	✜	<
075	=	=	✝	=
076	>	>	✞	>
077	?	?	✟	?
100	@	≅	✠	@
101	A	A	✡	A
102	B	B	✢	B
103	C	X	✣	C
104	D	Δ	✤	D
105	E	E	✥	E
106	F	Φ	✦	F
107	G	Γ	✧	G
110	H	H	★	H

Code	T	S	Z	E
111	I	I	☆	I
112	J	ϑ	✪	J
113	K	K	✫	K
114	L	Λ	✬	L
115	M	M	✭	M
116	N	N	✮	N
117	O	O	✯	O
120	P	Π	✰	P
121	Q	Θ	✱	Q
122	R	P	✲	R
123	S	Σ	✳	S
124	T	T	✴	T
125	U	Y	✵	U
126	V	ς	✶	V
127	W	Ω	✷	W
130	X	Ξ	✸	X
131	Y	Ψ	✹	Y
132	Z	Z	✺	Z
133	[	[	✻	[
134	\	∴	✼	\
135	]	]	✽	]
136	^	⊥	✾	^
137	_	_	✿	_
140	`	`	❀	`
141	a	α	❁	a
142	b	β	❂	b
143	c	χ	❃	c
144	d	δ	❄	d
145	e	ε	❅	e
146	f	φ	❆	f
147	g	γ	❇	g
150	h	η	❈	h
151	i	ι	❉	i
152	j	φ	❊	j
153	k	κ	❋	k
154	l	λ	●	l
155	m	μ	❍	m
156	n	ν	■	n
157	o	o	❏	o
160	p	π	❐	p
161	q	θ	❑	q

Code	T	S	Z	E
162	r	ρ	❒	r
163	s	σ	▲	s
164	t	τ	▼	t
165	u	υ	◆	u
166	v	ϖ	❖	v
167	w	ω	◗	w
170	x	ξ	❘	x
171	y	ψ	❙	y
172	z	ζ	■	z
173	{	{	‘	{
174	|	|	’	|
175	}	}	“	}
176	~	~	”	~
220				¹
221				`
222				´
223				^
224				~
225				¯
226				˘
227				˙
230				¨
232				°
233				¸
235				˝
236				˛
237				ˇ
240		€		
241	¡	ϒ	❡	¡
242	¢	′	❢	¢
243	£	≤	❣	£
244	⁄	⁄	❤	¤
245	¥	∞	❥	¥
246	ƒ	ƒ	❦	¦
247	§	♣	❧	§
250	¤	♦	❧	¨
251	'	♥	♦	©
252	"	♠	♥	ª
253	«	↔	♠	«
254	‹	←	①	¬
255	›	↑	②	-

Code	T	S	Z	E
256	fi	→	③	®
257	fl	↓	④	¯
260	°	°	⑤	°
261	–	±	⑥	±
262	†	″	⑦	²
263	‡	≥	⑧	³
264	·	×	⑨	´
265	µ	∝	⑩	µ
266	¶	∂	❶	¶
267	•	•	❷	·
270	,	÷	❸	¸
271	„	≠	❹	¹
272	"	≡	❺	º
273	»	≈	❻	»
274	…	…	❼	¼
275	‰	|	❽	½
276	¾	—	❾	¾
277	¿	↵	❿	¿
300	À	ℵ	①	À
301	`	ℑ	②	Á
302	´	ℜ	③	Â
303	^	℘	④	Ã
304	~	⊗	⑤	Ä
305	¯	⊕	⑥	Å
306	˘	∅	⑦	Æ
307	˙	∩	⑧	Ç
310	¨	∪	⑨	È
311	É	⊃	⑩	É
312	°	⊇	❶	Ê
313	¸	⊄	❷	Ë
314	Ì	⊂	❸	Ì
315	˝	⊆	❹	Í
316	¸	∈	❺	Î
317	ˇ	∉	❻	Ï
320	—	∠	❼	Ð
321	Ñ	∇	❽	Ñ
322	Ò	®	❾	Ò
323	Ó	©	❿	Ó
324	Ô	™	➔	Ô
325	Õ	∏	→	Õ
326	Ö	√	↔	Ö

Code	T	S	Z	E
327	×	·	↕	×
330	Ø	¬	➤	Ø
331	Ù	∧	→	Ù
332	Ú	∨	➔	Ú
333	Û	⇔	⇒	Û
334	Ü	⇐	➔	Ü
335	Ý	⇑	→	Ý
336	Þ	⇒	→	Þ
337	ß	⇓	➡	ß
340	à	◊	➡	à
341	Æ	〈	➡	á
342	â	®	➢	â
343	ª	©	➣	ã
344	ä	™	➤	ä
345	å	∑	➥	å
346	æ	⌠	➦	æ
347	ç	|	➧	ç
350	Ł	⎢	➨	è
351	Ø	⌈	⇨	é
352	Œ	|	⇨	ê
353	°	⌊	⇨	ë
354	ì	⌈	⇨	ì
355	í	{	⇨	í
356	î	⌊	⇨	î
357	ï	|	⇨	ï
360	ð			ð
361	æ	〉	⇨	ñ
362	ò	∫	◐	ò
363	ó	⌠	⇨	ó
364	ô	|	➘	ô
365	ı	⌡	➙	õ
366	ö	)	➚	ö
367	÷	|	➛	÷
370	ł	)	➜	ø
371	ø	⌡	➙	ù
372	œ	|	→	ú
373	ß	⌋	➙	û
374	ü	]	➨	ü
375	ý	}	➡	ý
376	þ	⌡	➣	þ
377	ÿ			ÿ