

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@_0^{-3/2}y'	$x_0^{-3/2}y$
...rather than:	'x@^{-3/2}_0y'	$x_0^{-3/2}y^2$
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}'	$\pi \neq 22/7$
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")

T	S	Z	E	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	x	.	↓ ×
041 !	!	!	!	112	J	ϑ	⊗ J	163	s	σ	▲ s	257	fl	↓ ④ -		330	Ø	¬	◀ Ø
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 \$	Ξ	×	\$	115	M	M	☆ M	166	v	ω	❖ 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 ,	϶	,	,	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 *	*	握手	*	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		ˇ		274	7 ¼		345	å	Σ	► å
057 /	/	=	/	130	X	Ξ	* X	222		ˊ		275	%o	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	ȝ	↳ ⑩ ȝ		350	Ł		➡ è
062 2	2	⠇	2	133	[[* [225		-		300	À	✗ ① À		351	Ø		⇒ é
063 3	3	✓	3	134	\	:.	* \	226		ˇ		301	ˋ	⌚ ② Á		352	Œ		⇒ ê
064 4	4	✓	4	135]]	*]	227		·		302	ˊ	⌚ ③ Â		353	º		⇒ ë
065 5	5	✖	5	136	^	⊥	* ^	230		..		303	^	⌚ ④ Ä		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	~	Ø 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		ˇ		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	ı	γ	⌚ ı	312	°	▷ ① É		363	ó	∫	⇒ ó
075 =	=	✚	=	146	f	ϕ	* f	242	¢	'	⌚ ¢	313	ˇ	▷ ② È		364	ô		⌚ ô
076 >	>	✚	>	147	g	γ	* g	243	£	≤	⌚ £	314	ı	▷ ③ Í		365	ı	J	⇒ õ
077 ?	?	✚	?	150	h	η	* h	244	/	♥	⌚	315	ˇ	≤ ④ Í		366	ö	}	⇒ ö
100 @	≡	✉	@	151	i	ι	* i	245	¥	∞	⌚ ¥	316	ˇ	≤ ⑤ Í		367	÷	⌚ ÷	
101 A	A	◊	A	152	j	φ	* j	246	f	f	⌚	317	ˇ	≤ ⑥ Í		370	ł		⇒ ø
102 B	B	✖	B	153	k	κ	* k	247	§	♣	⌚ §	320	—	∠ ⑦ Đ		371	ø		⇒ ù
103 C	X	✖	C	154	l	λ	● l	250	¤	♦	⌚ ..	321	Ñ	▽ ⑧ Ñ		372	œ		⇒ ú
104 D	Δ	✖	D	155	m	μ	○ m	251	‘	♥	⌚ ©	322	Ò	® ⑨ Ò		373	ß		⇒ ü
105 E	E	❖	E	156	n	v	■ n	252	“	♠	⌚ ^	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 ↉	325	Õ	Π → Õ		376	þ		⇒ þ
110 H	H	★	H	161	q	θ	□ q	255	⟩	↑	② -	326	Ö	√ ↔ Ö		377	ÿ		ÿ