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}’	π≠ 22/7
Everything ouside 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}^{/=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 I = T with ISO Latin-1 encoding

	T	S	Z	I		T	S	Z	I		T	S	Z	I		T	S	Z	I		T	S	Z	I
040					111	I	I	☆	I	162	r	ρ	❒	r	256	fi	→	③	®	327	×	·	↕	×
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	$	∃	✄	$	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	’	∍	✈	’	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	¶	∂	❶	¶	337	ß	⇓	➛	ß
051	)	)	✉	)	122	R	P	✬	R	173	{	{	❮	{	267	•	•	❷	·	340	à	◊	➠	à
052	*	∗	☛	*	123	S	Σ	✭	S	174	|	|	❯	|	270	,	÷	❸	¸	341	Æ	〈	➡	á
053	+	+	☞	+	124	T	T	✴	T	175	}	}	❝	}	271	„	≠	❹	¹	342	â	®	➢	â
054	,	,	✌	,	125	U	Y	✮	U	176	~	~	❞	~	272	”	≡	❺	º	343	ª	©	➢	ã
055	-	−	✍	−	126	V	ς	✶	V	220				ı	273	»	≈	❻	»	344	ä	™	➤	ä
056	.	.	✎	.	127	W	Ω	✷	W	221				`	274	…	…	❼	¼	345	å	∑	➥	å
057	/	/	✏	/	130	X	Ξ	✸	X	222				´	275	‰	|	❽	½	346	æ	⎛	➦	æ
060	0	0	✐	0	131	Y	Ψ	✹	Y	223				ˆ	276	¾	—	❾	¾	347	ç	⎜	➧	ç
061	1	1	✑	1	132	Z	Z	✺	Z	224				˜	277	¿	↵	❿	¿	350	Ł	⎝	➨	è
062	2	2	✒	2	133	[	[	✻	[	225				¯	300	À	ℵ	①	À	351	Ø	⎡	➩	é
063	3	3	✓	3	134	\	∴	✼	\	226				˘	301	`	ℑ	②	Á	352	Œ	⎜	➪	ê
064	4	4	✔	4	135	]	]	✽	]	227				˙	302	´	ℜ	③	Â	353	º	⎣	➫	ë
065	5	5	✕	5	136	^	⊥	❀	^	230				¨	303	ˆ	℘	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				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	¡	ϒ	❡	¡	312	°	⊇	❶	Ê	363	ó	⌠	➳	ó
075	=	=	✝	=	146	f	ϕ	❇	f	242	¢	′	❢	¢	313	¸	⊄	❷	Ë	364	ô	⎮	➴	ô
076	>	>	✞	>	147	g	γ	❈	g	243	£	≤	❣	£	314	Ì	⊂	❸	Ì	365	ı	⌡	➵	õ
077	?	?	✟	?	150	h	η	❉	h	244	⁄	⁄	❤	¤	315	˝	⊆	❹	Í	366	ö	⎞	➶	ö
100	@	≅	✠	@	151	i	ι	❊	i	245	¥	∞	❥	¥	316	˛	∈	❺	Î	367	÷	⎟	➷	÷
101	A	A	✡	A	152	j	φ	❋	j	246	*f*	*f*	❦	¦	317	ˇ	∉	❻	Ï	370	ł	⌡	➸	ø
102	B	B	✢	B	153	k	κ	❋	k	247	§	♣	❧	§	320	—	∠	❼	Đ	371	ø	⎤	➹	ù
103	C	X	✣	C	154	l	λ	●	l	250	¤	♦	♣	¨	321	Ñ	∇	❽	Ñ	372	œ	⎟	→	ú
104	D	Δ	✤	D	155	m	µ	❍	m	251	'	♥	♦	©	322	Ò	®	❾	Ò	373	ß	⌡	➺	û
105	E	E	✥	E	156	n	ν	■	n	252	“	♠	♥	ª	323	Ó	©	❿	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	∏	→	Õ	376	þ	⌡	➽	þ
110	H	H	★	H	161	q	θ	❑	q	255	›	↑	②	-	326	Ö	√	↔	Ö	377	ÿ			ÿ

PostScript Character Codes

T = text E = Expert encoding 4 = CP 437 encoding 8 = CP 850 encoding

T	E	4	8	T	E	4	8	T	E	4	8	T	E	4	8	T	E	4	8
040				111				162				256				327			
041				112				163				257				330			
042				113				164				260				331			
043				114				165				261				332			
044				115				166				262				333			
045				116				167				263				334			
046				117				170				264				335			
047				120				171				265				336			
050				121				172				266				337			
051				122				173				267				340			
052				123				174				270				341			
053				124				175				271				342			
054				125				176				272				343			
055				126				220				273				344			
056				127				221				274				345			
057				130				222				275				346			
060				131				223				276				347			
061				132				224				277				350			
062				133				225				300				351			
063				134				226				301				352			
064				135				227				302				353			
065				136				230				303				354			
066				137				232				304				355			
067				140				233				305				356			
070				141				235				306				357			
071				142				236				307				360			
072				143				237				310				361			
073				144				240				311				362			
074				145				241				312				363			
075				146				242				313				364			
076				147				243				314				365			
077				150				244				315				366			
100				151				245				316				367			
101				152				246				317				370			
102				153				247				320				371			
103				154				250				321				372			
104				155				251				322				373			
105				156				252				323				374			
106				157				253				324				375			
107				160				254				325				376			
110				161				255				326				377			