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 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}^{/=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	×	·	↕	×
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	ƒ	ƒ	❦	¦	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