

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'	$x_0^{-3/2}y$
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	×	·	↕	×	
041	!	!	✂	!	112	J	ϑ	⊛	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	¶	∂	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	Υ	☒	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	Σ	➤	å
057	/	/	☒	/	130	X	Ξ	✱	X	222				ˆ	275	‰	|	❽	½	346	æ	(	➤	æ
060	0	0	✂	0	131	Y	Ψ	✱	Y	223				˜	276	¾	—	❾	¾	347	ç	|	➤	ç
061	1	1	✂	1	132	Z	Z	☒	Z	224				˘	277	¿	↵	❿	¿	350	È	|	➤	è
062	2	2	✂	2	133	[	[	✱	[	225				˙	300	À	⌘	❶	À	351	Ø	|	➤	é
063	3	3	✓	3	134	\	∴	✱	\	226				˚	301	`	ℑ	❷	Á	352	Œ	|	➤	ê
064	4	4	✓	4	135	]	]	✱	]	227				˛	302	ˆ	℔	❸	Â	353	°	|	➤	ë
065	5	5	✕	5	136	^	⊥	☒	^	230				˜	303	ˆ	℘	❹	Ã	354	ì	|	➤	ì
066	6	6	✕	6	137	_	—	☒	_	232				˝	304	˜	⊗	❺	Ä	355	í	|	➤	í
067	7	7	✕	7	140	‘	—	☒	‘	233				˚	305	-	⊕	❻	Å	356	î	|	➤	î
070	8	8	✕	8	141	a	α	☒	a	235				˝	306	˘	∅	❼	Æ	357	ï	|	➤	ï
071	9	9	⊕	9	142	b	β	✱	b	236				˘	307	˙	∩	❽	Ç	360	ð			ð
072	:	:	⊕	:	143	c	χ	☒	c	237				˘	310	˚	∪	❾	È	361	æ	⟩	➤	ñ
073	;	;	⊕	;	144	d	δ	☒	d	240				˘	311	É	⊃	❿	É	362	ò	|	➤	ò
074	<	<	⊕	<	145	e	ε	☒	e	241	ı	Υ	☒	ı	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	˘	⊂	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	˘	∉	❻	Ï	370	†	|	➤	ø
102	B	B	☒	B	153	k	κ	✱	k	247	§	♣	☒	§	320	—	∠	❼	Ð	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	v	■	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	<	←	❶	¬	325	Õ	Π	➔	Õ	376	þ	|	➤	þ
110	H	H	★	H	161	q	θ	□	q	255	>	↑	❷	-	326	Ö	√	↔	Ö	377	ÿ			ÿ