

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	¶	∂	①	¶	337	ß	↓	⇒	ß
051	)	)	✉	)	122	R	P	✱	R	173	{	{	•	{	267	•	•	②	·	340	à	◇	⇒	à
052	*	*	⌘	*	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	Υ	✱	U	176	~	~	”	~	272	”	≡	⑤	º	343	ª	©	➤	ã
055	-	-	✎	-	126	V	ς	✱	V	220				ı	273	»	≈	⑥	»	344	ä	™	➤	ä
056	.	.	✎	.	127	W	Ω	✱	W	221				`	274	...	...	⑦	¼	345	å	Σ	➤	å
057	/	/	✎	/	130	X	Ξ	✱	X	222				´	275	‰		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	¿	↵	⑩	¿	350	È		➤	è
062	2	2	✎	2	133	[	[	✱	[	225				-	300	À	⌘	①	À	351	∅		⇒	é
063	3	3	✓	3	134	\	∴	✱	\	226				˘	301	`	Ɔ	②	Á	352	Œ		⇒	ê
064	4	4	✓	4	135	]	]	✱	]	227				·	302	´	ℑ	③	Â	353	°		⇒	ë
065	5	5	✕	5	136	^	⊥	✱	^	230				¨	303	^	∅	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				˘	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	Υ	✎	ı	312	°	⊇	①	Ê	363	ó		⇒	ó
075	=	=	✕	=	146	f	φ	✱	f	242	¢	‘	•	¢	313	˘	⊈	②	Ë	364	ô		⇒	ô
076	>	>	✕	>	147	g	γ	✱	g	243	£	≤	•	£	314	˘	⊂	③	Ì	365	ı		⇒	õ
077	?	?	✕	?	150	h	η	✱	h	244	/	/	♥	α	315	˘	⊆	④	Í	366	ö		⇒	ö
100	@	≡	✕	@	151	i	ι	✱	i	245	¥	∞	•	¥	316	˘	∈	⑤	Î	367	÷		⇒	÷
101	A	A	☆	A	152	j	φ	✱	j	246	f	f	♥	ı	317	˘	∉	⑥	Ï	370	ı		⇒	ø
102	B	B	✕	B	153	k	κ	✱	k	247	§	♣	♣	§	320	—	∠	⑦	Ð	371	ø		⇒	ù
103	C	X	✕	C	154	l	λ	●	l	250	α	◆	♣	¨	321	Ñ	∇	⑧	Ñ	372	œ		⇒	ú
104	D	Δ	✕	D	155	m	μ	○	m	251	'	♥	◆	©	322	Ò	®	⑨	Ò	373	ß		⇒	û
105	E	E	✕	E	156	n	v	■	n	252	“	♠	♥	ª	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	↵	325	Õ	Π	→	Õ	376	þ		⇒	þ
110	H	H	★	H	161	q	θ	□	q	255	>	↑	②	-	326	Ö	√	↔	Ö	377	ÿ			ÿ