

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	∂	⊛	J	163	s	σ	▲	s	257	fl	↓	④	-	330	↖	➤	Ø	
042	"	∇	✂	"	113	K	K	★	K	164	t	τ	▼	t	260		°	⑤	°	331	^	➔	Ù	
043	#	#	✂	#	114	L	Λ	☆	L	165	u	υ	◆	u	261	-	±	⑥	±	332	√	➤	Ú	
044	\$	∃	✂	\$	115	M	M	☆	M	166	v	ϖ	❖	v	262	†	"	⑦	²	333	↔	➔	Û	
045	%	%	✂	%	116	N	N	★	N	167	w	ω	◐	w	263	‡	≥	⑧	³	334	⇐	➔	Ü	
046	&	&	✂	&	117	O	O	☆	O	170	x	ξ	|	x	264	.	×	⑨	´	335	↑	➔	Ý	
047	'	ə	✂	'	120	P	Π	☆	P	171	y	ψ	▮	y	265		∞	⑩	μ	336	⇒	➔	Þ	
050	(	(	✂	(	121	Q	Θ	★	Q	172	z	ζ	▮	z	266	¶	∂	①	¶	337	↓	➔	ß	
051	)	)	✂	)	122	R	P	✱	R	173	{	{	‘	{	267	•	•	②	•	340	◇	➔	à	
052	*	*	✂	*	123	S	Σ	✱	S	174	|	|	’	|	270	,	÷	③	,	341	Æ	⟨	➔	á
053	+	+	✂	+	124	T	T	✱	T	175	}	}	“	}	271	„	≠	④	¹	342		®	➤	â
054	,	,	✂	,	125	U	Υ	✱	U	176	~	~	”	~	272	”	≡	⑤	°	343	ª	©	➤	ã
055	-	-	✂	-	126	V	ς	✱	V	220				ı	273	»	≈	⑥	»	344		™	➤	ä
056	.	.	✂	.	127	W	Ω	✱	W	221				`	274	...	...	⑦	¼	345		Σ	➔	å
057	/	/	✂	/	130	X	Ξ	✱	X	222				^	275	‰	|	⑧	½	346		(	➔	æ
060	0	0	✂	0	131	Y	Ψ	✱	Y	223				~	276		—	⑨	¾	347		|	➔	ç
061	1	1	✂	1	132	Z	Z	✱	Z	224				-	277	ı	↵	⑩	ı	350	Ł	⌊	➔	è
062	2	2	✂	2	133	[	[	✱	[	225				˘	300		⌘	①	À	351	Ø	⌈	➔	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
066	6	6	✂	6	137	_	_	✱	_	232				˘	304	~	⊗	⑤	Ä	355		}	➔	í
067	7	7	✂	7	140	‘	‘	✱	‘	233				˙	305	-	⊕	⑥	Å	356		⌊	➔	î
070	8	8	✂	8	141	a	α	✱	a	235				˚	306	˘	∅	⑦	Æ	357		|	➔	ï
071	9	9	✂	9	142	b	β	✱	b	236				˙	307	.	∩	⑧	Ç	360				ð
072	:	:	✂	:	143	c	χ	✱	c	237				˘	310	¨	∪	⑨	È	361	æ	⟩	➔	ñ
073	;	;	✂	;	144	d	δ	✱	d	240				€	311		⊃	⑩	É	362		⌋	➔	ò
074	<	<	✂	<	145	e	ε	✱	e	241	ı	Ÿ	ı		312	°	⊇	①	Ê	363		⌈	➔	ó
075	=	=	✂	=	146	f	φ	✱	f	242	¢	’	¢		313	,	⌞	②	Ë	364		|	➔	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
100	@	≡	✂	@	151	i	ι	✱	i	245	¥	∞	¥		316	˘	∈	⑤	Î	367		|	➔	÷
101	A	A	✂	A	152	j	φ	✱	j	246	f	f	⊙	|	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		∇	⑧	Ñ	372	œ	|	➔	ú
104	D	Δ	✂	D	155	m	μ	○	m	251	'	♥	♦	©	322		®	⑨	Ò	373	ß	⌋	➔	û
105	E	E	✂	E	156	n	v	■	n	252	“	♠	♥	ª	323		©	⑩	Ó	374		⌋	➔	ü
106	F	Φ	✂	F	157	o	o	□	o	253	«	↔	♠	«	324		™	➔	Ô	375		}	➔	ý
107	G	Γ	✂	G	160	p	π	□	p	254	<	←	①	↖	325		Π	➔	Õ	376		⌋	➔	þ
110	H	H	✂	H	161	q	θ	□	q	255	>	↑	②	-	326		√	↔	Ö	377				ÿ

Symbols and linetypes in Postscript terminal

