

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@ ^{-3/2} ₀ y'	x ₀ ^{-3/2} y
...rather than:	'x@ ^{-3/2} _{0y} '	x _{0y} ^{-3/2}
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}^{\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						
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	∅	¬	▶	∅	
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	⊖	★ 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	Y	⊛ U		176	~	~	” ~		272	”	≡	⑤ °	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	˘	ℜ	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	ì	⊂	③ Ì	365	ı	|	→	õ	
077	?	?	†	?	150	h	η	* h		244	/	/	♥ /		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	⊛ f		317	˘	∉	⑥ Ï	370	∅	|	→	∅	
102	B	B	⊛	B	153	k	κ	* k		247	§	♣	⊛ §		320	—	∠	⑦ Đ	371	∅	|	→	ù	
103	C	X	⊛	C	154	l	λ	● l		250	¤	◆	♣	..	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