

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} ₀ y'	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^μ {-/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
042	"	∇	✂ "	113	K	K	☆ K	164	t	τ	▼ t	260	□	°	⑤ °	331	□	^	→ Û
043	#	#	✂ #	114	L	Λ	☆ L	165	u	υ	◆ u	261	-	±	⑥ ±	332	□	v	↗ Ú
044	\$	Ξ	✂ \$	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	Œ	ð	❶ Œ	337	□	↓	→ ß
051	)	)	✂ )	122	R	P	* R	173	{	{	• {	267	•	•	❷ •	340	□	◇	→ à
052	*	*	✂ *	123	S	Σ	* S	174	|	|	• |	270	,	÷	❸ ÷	341	Æ	<	→ á
053	+	+	✂ +	124	T	T	* T	175	}	}	“ }	271	„	≠	❹ ¹	342	□	®	→ â
054	,	,	✂ ,	125	U	Υ	* U	176	~	~	” ~	272	”	≡	❺ °	343	ª	©	→ ã
055	-	-	✂ -	126	V	ς	* V	220	□	□	□ ı	273	»	≈	❻ »	344	□	™	→ ä
056	.	.	✂ .	127	W	Ω	* W	221	□	□	□ `	274	...	...	❼ ¼	345	□	Σ	→ å
057	/	/	✂ /	130	X	Ξ	* X	222	□	□	□ ´	275	%	|	❽ ½	346	□	/	→ æ
060	0	0	✂ 0	131	Y	Ψ	* Y	223	□	□	□ ^	276	□	—	❾ ¾	347	□	|	→ ç
061	1	1	✂ 1	132	Z	Z	* Z	224	□	□	□ ~	277	ı	↓	❿ ı	350	Ł	\	→ è
062	2	2	✂ 2	133	[	[	* [	225	□	□	□ -	300	□	×	❶ À	351	Ø	[	→ é
063	3	3	✓ 3	134	\	\	* \	226	□	□	□ ~	301	`	Œ	❷ Á	352	Œ	|	→ ê
064	4	4	✓ 4	135	] ]	] ]	* ]	227	□	□	□ ·	302	´	Œ	❸ Â	353	°	|	→ ë
065	5	5	✂ 5	136	^	⊥	* ^	230	□	□	□ °	303	^	∅	❹ Ã	354	□	{	→ ì
066	6	6	✂ 6	137	_	=	* _	232	□	□	□ °	304	~	⊗	❺ Ä	355	□	}	→ í
067	7	7	✂ 7	140	‘	=	* ‘	233	□	□	□ ´	305	-	⊕	❻ Å	356	□	|	→ î
070	8	8	✂ 8	141	a	α	* a	235	□	□	□ ~	306	˘	∅	❼ Æ	357	□	|	→ ï
071	9	9	✂ 9	142	b	β	* b	236	□	□	□ ˘	307	·	∩	❽ Ç	360	□	🍏	→ ð
072	:	:	✂ :	143	c	χ	* c	237	□	□	□ ˘	310	¨	U	❾ È	361	æ	>	→ ñ
073	;	;	✂ ;	144	d	δ	* d	240	□	€	□	311	□	⊃	❿ É	362	□	f	→ ò
074	<	<	✂ <	145	e	ε	* e	241	ı	Υ	Œ ı	312	°	⊇	❶ Ê	363	□	f	→ ó
075	=	=	✂ =	146	f	φ	* f	242	¢	'	• ¢	313	,	♀	❷ Ë	364	□	|	→ ô
076	>	>	✂ >	147	g	γ	* g	243	£	≤	• £	314	□	⊂	❸ Ì	365	ı	J	→ õ
077	?	?	✂ ?	150	h	η	* h	244	/	/	♥ /	315	˘	⊆	❹ Í	366	□	\	→ ö
100	@	≡	✂ @	151	i	ι	* i	245	¥	∞	• ¥	316	˘	∈	❺ Î	367	□	|	→ ÷
101	A	A	☆ A	152	j	ϕ	* j	246	f	f	♥ f	317	˘	∉	❻ Ï	370	†	/	→ ø
102	B	B	✂ B	153	k	κ	* k	247	§	♣	♣ §	320	-	∠	❼ Ð	371	∅	|	→ ù
103	C	X	♣ C	154	l	λ	● l	250	α	◆	♣ α	321	□	∇	❽ Ñ	372	œ	|	→ ú
104	D	Δ	♣ D	155	m	μ	○ m	251	'	♥	◆ ©	322	□	®	❾ Ò	373	ß	|	→ û
105	E	E	♣ E	156	n	ν	■ n	252	“	♠	♥ a	323	□	©	❿ 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	<	←	❶ ↖	325	□	∏	→ Õ	376	□	|	→ þ
110	H	H	★ H	161	q	θ	□ q	255	>	↑	❷ -	326	□	√	↔ Ö	377	□	□	→ ÿ