

Text syntax for **enhpost**

enhpost is the product of David Denholm and Matt Heffron.

This writeup 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:	'{/Times-Roman m}'	m
...size, too:	'{/=8 m}'	m
...or both:	'{/Times-Roman=18 a}'	a
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'	$P = \rho kT$
Special characters (^,_,{,},@,\) can be escaped by \:	'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 is /Helvetica=14.

This may be changed on the **set terminal enhpost** command.

More information may be found in the manual or the online **help**.

enhpost may be obtained by anonymous ftp from **sotona.phys.soton.ac.uk**.

PostScript Character Codes

T = text (here Times-Roman) S = Symbol Z = ZapfDingbats

T	S	Z	T	S	Z	T	S	Z	T	S	Z	T	S	Z	
040			106	F	Φ ◆	154	l	λ ●	264	·	×	⑨	332	Ú	√ ▼
041	!	!	107	G	Γ ◇	155	m	μ ○	265	μ	∞	⑩	333	Û	↔ →
042	"	∇	110	H	H ★	156	n	v ■	266	¶	∂	①	334	Ü	⇐ →
043	#	#	111	I	I ☆	157	o	o □	267	•	•	②	335	Ý	↑ →
044	\$	Ξ	112	J	ϑ ⊕	160	p	π □	270	,	÷	③	336	Þ	⇒ →
045	%	%	113	K	K ☆	161	q	θ □	271	„	≠	④	337	ß	↓ ↘
046	&	&	114	L	Λ ☆	162	r	ρ □	272	”	≡	⑤	340	à	◇ ↘
047	'	ə	115	M	M ☆	163	s	σ ▲	273	»	≈	⑥	341	Æ	⟨ ↘
050	(	(	116	N	N ☆	164	t	τ ▼	274	...	...	⑦	342	â	® ➤
051	)	)	117	O	O ☆	165	u	υ ◆	275	‰	|	⑧	343	ª	© ➤
052	*	*	120	P	Π ☆	166	v	ϖ ❖	276	¾	—	⑨	344	ä	™ ➤
053	+	+	121	Q	Θ ★	167	w	ω ◐	277	¿	↵	⑩	345	å	Σ ↘
054	,	,	122	R	P ☆	170	x	ξ |	300	À	⌘	①	346	æ	(↘
055	-	-	123	S	Σ *	171	y	ψ |	301	`	Ɔ	②	347	ç	| ↘
056	.	.	124	T	T *	172	z	ζ ■	302	´	℔	③	350	Ł	(↘
057	/	/	125	U	Y ☚	173	{	{ ‘	303	^	⊗	④	351	Ø	[↘
060	0	0	126	V	ς *	174	|	| ’	304	~	⊗	⑤	352	Œ	| ↘
061	1	1	127	W	Ω *	175	}	}	305	-	⊕	⑥	353	°	[↘
062	2	2	130	X	Ξ *	176	~	~ ”	306	˘	∅	⑦	354	ì	[↘
063	3	3	131	Y	Ψ *	241	ı	Ÿ ¶	307	·	∩	⑧	355	í	{ ↘
064	4	4	132	Z	Z *	242	ç	’ •	310	¨	∪	⑨	356	î	| ↘
065	5	5	133	[	[ *	243	£	≤ •	311	É	⊃	⑩	357	ï	| ↘
066	6	6	134	\	∴ *	244	/	/ ♥	312	°	⊇	①	360	ð	
067	7	7	135	]	]	245	¥	∞ ♡	313	¸	♀	②	361	æ) ↘
070	8	8	136	^	⊥ ☼	246	f	f ☉	314	Ì	⊂	③	362	ò] ↘
071	9	9	137	_	— ☼	247	§	♣ ♣	315	˝	⊆	④	363	ó	ƒ ↘
072	:	:	140	‘	— ☼	250	¤	♦ ♣	316	˘	∈	⑤	364	ô	| ↘
073	;	;	141	a	α ☼	251	’	♥ ◆	317	˘	∉	⑥	365	ı] ↘
074	<	<	142	b	β *	252	“	♠ ♥	320	—	∠	⑦	366	ö) ↘
075	=	=	143	c	χ ☼	253	«	↔ ♠	321	Ñ	∇	⑧	367	÷	| ↘
076	>	>	144	d	δ ☼	254	<	← ①	322	Ò	®	⑨	370	ı] ↘
077	?	?	145	e	ε ☼	255	>	↑ ②	323	Ó	©	⑩	371	ø] ↘
100	@	≡	146	f	φ ☼	256	fi	→ ③	324	Ô	™	➔	372	œ	| →
101	A	A	147	g	γ ☼	257	fl	↓ ④	325	Õ	Π	→	373	ß] →
102	B	B	150	h	η ☼	260	°	° ⑤	326	Ö	√	↔	374	ü] →
103	C	X	151	i	ι ☼	261	-	± ⑥	327	×	·	↕	375	ý	} ➔
104	D	Δ	152	j	φ ☼	262	†	” ⑦	330	∅	¬	➔	376	þ] ➔
105	E	E	153	k	κ *	263	‡	≥ ⑧	331	Ù	∧	➔			