## NOTE: some completions omitted for clarity and simplicity.

env open	beg	group	gr	for any	fy	{\$1}	bs
<i>env</i> theorem	th	basis	bs	there exists	tx	<i>env</i> emph	em
<i>env</i> proof	pf	finite	fn	with respect to	wrt	math text	tt
env proposition	pr	dimensional	dl	homomorphism	hm	math ceil	ceil
<i>env</i> lemma	lm	irreducible	ir	linear	lr	math floor	floor
env corollary	cr	representation	rp	isomorphism	ip	<i>math</i> pmat	pmat
<i>env</i> defn	df	invariant	iv	conjugacy	cj	<i>math</i> bmat	bmat
env fact	ft	generated	gd	env inline math	mk	{\$1}	set
env example	ex	let \$1 be a	lt	env display math	dm d.m d,m	(\$1)	()
<i>env</i> remark	rm	abelian	ab	<i>env</i> align	ali	\$1	Ir
<i>env</i> problem	pb	i.e.	ie	math box	box	{\$1}	lr{
env solution	SO	s.t.	st	math cases	case	[\$1]	lr[
env digression	dg	subgroup	sg	math underbrace	udbr	$\langle\$1 angle$	lra
env enumerate	en	space	SV	$\$1:\ \$2  o \$3$	fun	\ldots	
env itemize	il	subspace	sb	math function	fn	math mathcal	mcal
\item	it	vector	VC	$\{\$1_i\}$	ibs	<i>math</i> mathbb	mbb
env description	desc	vector space	VS	$\{\$1_j\}$	jbs	<i>math</i> mathfrak	mfrak

math greeks	$\langle name  angle$	$\mathcal{A}^*$	dl		\\\		
$\lambda$	eig	$A^{**}$	ddl	<b>&gt;&gt;</b>	>>		
$\phi$	vphi	<i>math</i> bar	$\langle smart \rangle$	«	<<		
$\sigma$	sig	<i>math</i> hat	$\langle smart \rangle$			math fraction	//
$\infty$	000	×	XX	$\leq$	<=	math functions	$\langle name \rangle$
math sets	$2x\langle letter \rangle$	•	**	$\geq$	>=	$\sqrt{X}$	sq
2	sr	x	norm	&= \$1 \\	==	$a_1,\ldots,a_n$	lv
ŝ	cb	$\otimes$	@	$\neq$	!=	$a_1 + \ldots + a_n$	ls
$\{\$1\}$	td rd	$\oplus$	ор	$\sim$	$\sim\sim$	U	uuu
_{{\$1}}		∉	notin	$\cong$	=	$\bigcap$	nnn
_i	ii	$\in$	in	$\rightarrow$	->	$\sum$	sum
_ <b>j</b>	jj	$\cap$	Nn	$\hookrightarrow$	i>	$\prod$	prod
_k	kk	$\bigcup$	Uu	$\longrightarrow \!$	s>	math limits, derivs	$\langle name  angle$
$\overline{X}$	conj	$\subset$	CC	$\xrightarrow{x}$	x>	$\oplus$	bop
$A^{-1}$	-1	$\subseteq$	c=c	$\leftrightarrow$	<->	$\otimes$	b@
$A^c$	cl	$\triangleleft$	<]	$\Longrightarrow$	=>		
$\mathcal{A}^\perp$	pr	$\leq$	</td <td><math>\leftarrow</math></td> <td>=&lt;</td> <td></td> <td></td>	$\leftarrow$	=<		
$\mathcal{A}^t$	-t	$\rtimes$	x!	$\iff$	iff		