

Vim		
Navigation		
set mouse=a	enable mouse	
h,j,k,l	left, down, up, right	
Ctrl+u / +d	half page up / down	
Ctrl+f / +b	page up / down	
zz / zt / zb	center / top / bottom cursor	
Ctrl+E / Ctrl+Y	scroll up / down	

History		
:, Ctrl+f or q:	show command history	
/, Ctrl+f or q/	show search history	
:set history	show or set number of history elements	
g / G	go to beginning / end of file	

Visual		
gv	reuse last selection	

Search and Replace		
:set hlsearch	highlight search	
:noh	remove current search highlight	
:set incsearch	incremental search	
/	initiate search	
n / N	jump to next / previous match	
Gn / GN	jump to first / last match	
* / #	search forward / backward for current word	
:s	initiate replace	
*	0 or more of the preceeding character	
\+	1 or more of the preceeding character	
\s / \S	white space / non white space character	
\w	word character	
[2-3a-z]	range of characters	
^	beginning of line, negation in char ranges	
\$	end of line	
\L,\U	next characters lower/upper case until \E	
\l,\u	next character lower/upper case	
\	alternation	
\(\)	capture, reuse with \1 \2 \3	

Windows		
:split or :sp <i>file</i>	split current window horizontally	
:vsplit or :vsp <i>file</i>	split current window vertically	
Ctrl+ww	switch to next window	
Ctrl+w h,j,k,l	switch to another window	
Ctrl+w H,J,K,L	move current window	

Tabs			git remote		
:tabs	list all tabs				
:tabnew	open a new empty tab		remote -v	list remotes with url	
:tabedit or :tabe <i>file</i>	open new tab with <i>file</i>		add name url	add remote	
:tab split	open new tab with the same buffer		set-url name url	change url of remote name	
gt / gT	go to next / previous tab				

Folding		
zi	toggle folding on / off	
za	toggle folding on / off individually	
zj / zk	move to next / previous folding	

LaTeX Box		
\ll / <F5>	compile with latexmk	
\lL / <F6>	force compile with latexmk	
\ls	open pdf in viewer	
\lt	open TOC	
<F4>	toggle TOC	

Bash / Shell		
List and find		
ls -lah	list long, all, human	
ls -Sr / -tr	sort by size / time (r for reverse)	
ls -l   wc -l	count files and folders	
ls -lp   grep -v /   wc -l	count only files	

Piping and Redirecting		
> file	redirect stdout to file	
>> file	redirect stdout to file (append)	
2> file	redirect stderr to file	
> file 2>&1	redirect stdout and stderr to file	
tee -a file	pipe stdout to stdout and write to file (-a for append)	

SSH / SFTP		
ssh -YC	X11 forwarding	
ssh -p <i>port</i>	specify ssh port	
ssh -L <i>port:host:hostport</i>	bind local port to hostport	
sftp -P <i>port</i>	specify sftp port	

Git		
reset	unstage / unadd	
reset --hard	reset everything to last commit	
checkout -- file	reset file to last committed state	
checkout -b branch	create new branch <b>branch</b> and co	