LATEX Cheat Sheet — Youhao HU

Two columns

```
\begin{columns}
\begin{column}{.5\linewidth}
Here is the content in column 1
\end{column}
\begin{column}{.5\linewidth}
Here is the content in column 2
\end{column}
\end{columns}
```

Footnote in two columns

```
\begin{frame}
\begin{columns}
\begin{column}{.5\linewidth}
Here is the content in column 1 \footnotemark[1]
\end{column}
\begin{column}{.5\linewidth}
Here is the content in column 2
\end{column}
\end{columns}
\footnotetext[1]{This is the first footnote}
\end{frame}
```

Figure with 1 title

```
\begin{figure}
\caption{HKUSTGZ Logo}
\includegrapics[width=.5\linewidth](USTGZ.png)
\label{fig:USTGZLogo}
\end{figure}
```

Figure options

```
\includegraphics[scale=0.1](USTGZ.png)
\includegraphics[width=.5\linewidth](USTGZ.png)
\includegraphics[height=1cm](USTGZ.png)
```

Figure with 2+ titles (no tag)

```
\begin{center}
\includegraphics[width=.4\linewidth]{SMC.png}
\includegraphics[width=.4\linewidth]{TSMC.png}\\
SMC (Left) and TSMC (Right) comparison
\end{center}
```

Figure with 2+ titles (1 tag)

```
\begin{figure}
\centering
\includegraphics[width=.4\linewidth]{SMC.png}
\includegraphics[width=.4\linewidth]{TSMC.png}\\
\caption{SMC (Left) and TSMC (Right) comparison}
\label{fig:TSMCom}
\end{figure}
```

Figure with 2+ titles (2+ tags)

```
\usepackage{graphicx}
\usepackage{subcation}

\begin{figure}
\caption{SMC with changing load}
\begin{subfigure}{.4\linewidth}
\caption{Scope}
\includegraphics[width=\linewidth]
    {SMC_15_25_Scope.png}
\end{subfigure}
\begin{subfigure}{.4\linewidth}
\caption{MATLAB}
\includegraphics[width=\linewidth]
    {SMC_15_25.png}
\end{subfigure}
\label{fig:Tracking}
\end{figure}
```

Dolor sed viverra ipsum nunc aliquet bibendum. Senectus et netus et malesuada fames ac turpis egestas. Pellentesque id nibh tortor id aliquet.

Use \columnbreak *to break the column*