

A large red square with a thin white border, centered on a white background. Inside the square, the text "Latex Assignment 1" is written in a white serif font.

Latex Assignment 1

Symbols

- ★ Summation : `\sum_{}^{\}`
- ★ Product : `\prod`
- ★ Alpha : `\alpha`
- ★ Beta : `\beta`
- ★ Gamma : `\gamma`
- ★ Epsilon : `\epsilon`
- ★ Theta : `\theta`
- ★ Varepsilon : `\varepsilon`
- ★ Lambda : `\lambda`
- ★ Pi : `\pi`
- ★ Sigma : `\sigma`
- ★ Mod : `\left | \textcolor{red}{var} \right |`
- ★ Double sided arrow : `\Leftrightarrow`
- ★ Multiply : `\times`
- ★ New line : `\\`
- ★ Not equal : `\neq`

Use the following package : `\usepackage{amsmath}`

Equation : $\$ equation \$$

★ Inline : $\$x+y\$$

★ Superscript :

- $\$x ^ {\text{symbol}}\$: \$\epsilon ^ {\alpha}\$$
- $\$x ^ {\text{constant}}\$: \$x ^ {2}\$$
- $\$x ^ {\text{equation}}\$: \$x ^ {a+b}\$$

★ Subscript :

- $\$x _ {\text{symbol}}\$: \$x _ {\alpha}\$$
- $\$x _ {\text{constant}}\$: \$x _ {11}\$$

Matrices

`\begin{bmatrix}`

`__ & __ & __ & \\\`

`__ & __ & __ & \\\`

`__ & __ & __ &`

`\end{bmatrix}`

Take help from : <https://www.codecogs.com/eqnedit.php>