

This is my first Latex Doc.
in meadle $(x+1)^2*1222/12$

in beginning $(x+1)^2*1222/12$
subscib

x_1
subscib

x_{1111}
greek letters

π
 α
 $A=\pi r^2$

other funcns
 $y=\sin x$

log
 \log_5x
 $\ln x$

different roots
 $\sqrt{2}$
 $\sqrt[2]{2}$
 $\sqrt[3]{12+\sin x}$

fraction

$$\frac{12}{\sqrt{12+\pi}}$$

$r_t=0.034r_{t-1}+0.0075+\hat{a}_t, where$
 $\hat{a}_t=\hat{\sigma}_t\epsilon_t and 1111$
 $\hat{\sigma}_t^2=0.0000794+0.122\hat{a}_{t-1}^2+0.855\hat{\sigma}_{t-1}^2$