sample-equation

$$\Re\left(f(x)\right) \stackrel{\text{def}}{=} \oint_{\vec{C}} \left[\sqrt[5]{x} + e^{-x^2} - \hbar \sqrt{a^2+b^2} + \frac{d}{dt}\left(\frac{\partial L}{\partial \dot{q}}\right) \right] dx$$

Re (f(x)) def lint from{widevec {C} } left[nroot{5}{x} + func e^{-x^2} - hbar sqrt{ a^2 + b^2 } + d over dt left({partial L}over{partial dot q} right) right] dx