

PRODUCT RUCE

THAN GAN BE REWRITED BS

SUBTRACT AND ADD S(X+4) & (X) IN THE NUMERATOR

$$F'(x) = Li\eta$$
 $\frac{f(x+h)g(x+h) - f(x+h)g(x)}{h} + \frac{u\eta}{h} = \frac{f(x+h)g(x) - f(x)g(x)}{h}$

$$F'(x) = F(x) \cdot Um \quad \frac{g(x+h)-g'(x)}{h} + g'(x) \quad Um \quad \frac{f(x+h)-f(x)}{h}$$

THAT IS