$$E_{3}(x) = \cos \frac{x}{3}(5)(x-0)^{4} = \cos \frac{x}{3}(5) \cdot x^{4}$$

$$f(x) = (\cos(0) + \sin(0) \cdot (x-0) - \frac{\cos(0)}{2!}(x-0)^{2}$$

$$+ \sin(0)(x-0)^{3}$$

$$\frac{1}{3!}(x)^{2} = 1 - \frac{1}{2}x^{2} = 1 - \frac{x^{2}}{2}$$

$$f(x) = 1 - \frac{1}{2!}(x)^{2} = 1 - \frac{1}{2}x^{2} = 1 - \frac{x^{2}}{2}$$

$$for ein s mellom 0 cg x$$

$$cos(s) vil alltid ligge mellom - 1 cg?$$

$$0 < cos(s)x^{4} < x^{4}$$

$$24$$

$$0 < cos(s)x^{4} < x^{4}$$

$$24$$



