```
HW 2
                                                                                                                                                                                           Cos(\frac{\pi}{4} \times) = 1 - \frac{2}{2!} (\frac{\pi}{4})^{4} + \frac{4}{4!} (\frac{\pi}{4})^{4} 
\int_{(n-1)}^{(n-1)} (x) (x-n) = \frac{1}{(n-1)!} \left( \cos\left(\frac{2x}{\pi}\right) \left(\frac{2x}{\pi}\right) \right) \left(\frac{2x}{\pi}\right) = \frac{1}{(n-1)!} \left( \cos\left(\frac{2x}{\pi}\right) \left(\frac{2x}{\pi}\right) \left(\frac{2x}{\pi}\right) \right) \left(\frac{2x}{\pi}\right) = \frac{1}{(n-1)!} \left(\frac{1}{(n-1)!} + \frac{1}{(n-1)!} + \frac{1}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      = -= ·= sin(p)
                            = -(=) ×
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