P. 1 Prombogrance grune The exeguenceme community

P. 1 Progob (8/9). Tyrungen unicommunication 72.

Bornerence cymra ≤ K Cn (3) K

K=0

Dels Odopharum $f(x) = \frac{3}{5} e_n x^n - q_n c. p.$ Prog nogubalmer croquinum of mome $x = x_0$ eau cymaembyom xonemui npiger lim $\frac{x}{5} e_n x_0^n = f(x_0)$

FL (Komm - Agaragea)

Nyemb p = _____ lim 5/aul

KARO

Torpa & Xo: |Xo|CD prog enogumene.

Munuerus.

 $0 A = 2 x^{\kappa} p = 1 |x_0| < 1 = 2 \times \kappa - \epsilon x$ $|x_0| < 1 = 2 \times \kappa - \epsilon x$ $|x_0| > 1 = 2 \times \kappa - \epsilon x$

(2) A = 3 KX p=1

9 ak = 2 3 k, k-nerem 5= 3

Del, Myenne dan's-manobar nour-me. Torque ce moust. que en may-cer emenennoù parq f(x1=\frac{2}{n=0}^{2} anx^n

The Brympu kpyra exequeraeme emenennoù prez nomno grigog. norsenno. Prung, F(XI= 3 x 2 x 2 x (3) x

Summer

$$g(x) = \sum_{k=0}^{\infty} C_n^k x^k = (1+x)^n$$

$$g'(x) = \sum_{k=0}^{\infty} K_n^k C_n^k x^{k-1}$$

$$x f'(x) = \sum_{k=0}^{\infty} K_n^k C_n^k x^k$$

$$x f'(x) = \sum_{k=0}^{\infty} K_n^k C_n^k x^k$$

$$F(x) = x f'(x) = x \cdot n(1+x)^n$$

$$F(\frac{2}{3}) = \frac{2}{3} f'(\frac{2}{3}) = \frac{2}{3} \cdot n(\frac{5}{3})^n$$