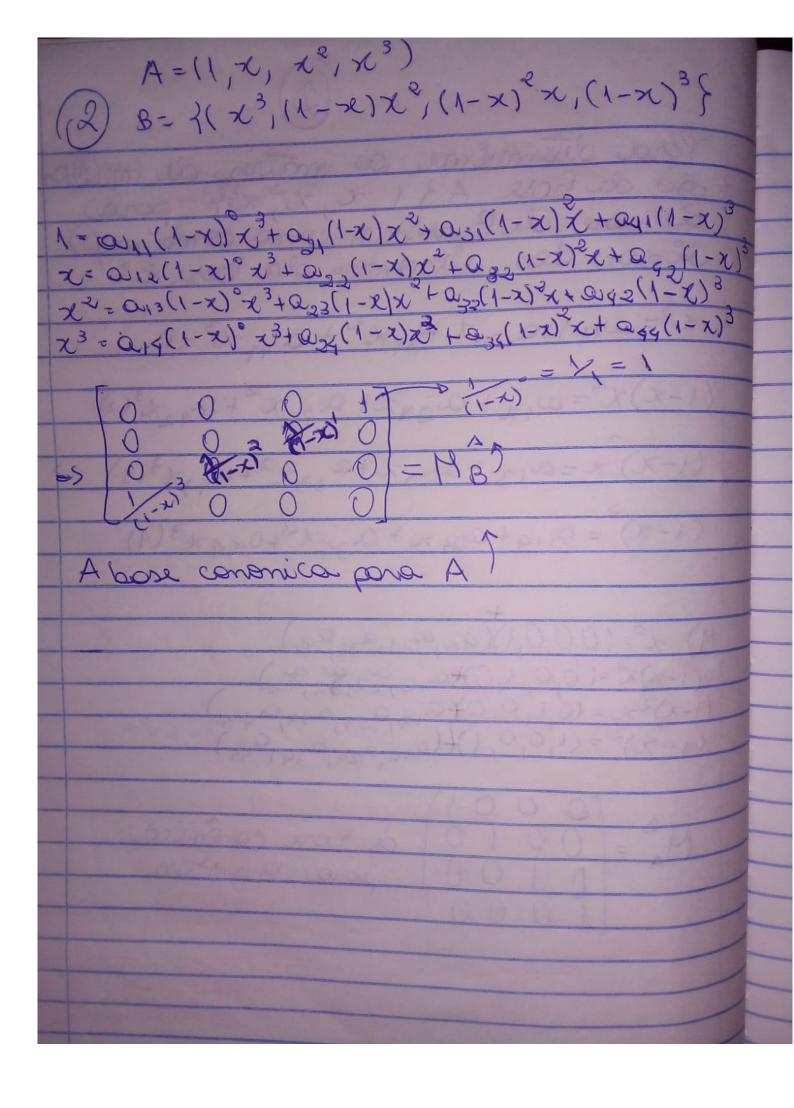
L'imestrar que es polirêmies sa l'imenseralentes メリス3+×2(1-x)でナメ3(1-x) 大+以(1-2)さ 1. x3+0(1-x)x2+0(1-x)2x+0(1-x)3 => d1=d2=d3=d4=0 Ib exage o abot wrop atougoes of langin is rendered was all you comie, is a structure up ge comie, is a structure rel abog (18) pg 3 (x) q aimenil come: B123+B2(1-X)2+B3(1-X)2+B4(1-X)3 Se divit da 12+ da Va + 04 V4 =0 =521=2=2=2=2=0 dil = 1 d1 = d2 = d3 = x = 0 => 2 2.I. da 04 Portente, i uma boss de P9

B= 123, (1-x) 2, (1-x) x, (1-x) 6  $\frac{13 = (1 - \chi)^2 \chi}{4 = (1 - \chi)^3}$ Sabames que o polinamie de Bernstein. P(-1)= C0B(x)+C1B3(x)+C2B3(x)+C3B3(x) 1= 0B3(x)+0B3(x)+0B2(x)+1B3(x)  $V_{2} = 083(x) + 083(x) + 083(x) + 083(x) + 083(x)$   $V_{3} = 083(x) + 183(x) + 083(x) + 083(x) + 083(x)$   $V_{4} = 183(x) + 083(x) + 083(x) + 083(x)$ 

Para ditemment a matrix de menden-cara de base A 3 1, x, x°, x°, x°, x° pora Ceranidimas amas mistemad els sead es lines des selmentes also base 8° 23=011/1001/ +31/2 +04/2 (1) (1-x)x2=0,2+022x+032x2+042x3(2) (1-x) n=013+023x+033x2+043x3(3) (1-x)=014+024x+024x2+044x3(4) (1) 13= (00,0,1)(an,021,03,09)  $(1-x)^{2}=(0,0,1,0)+(0,2)^{2}=(0,0,0)+(0,2)^{2}=(0,0,0)+(0$ or pose conômicon pora Bornstein.



Pow per linear: = a) f(x) dx + b (g(x) dx= € (a)(x))= a f(x)(x) ) ((a) (x) the (x)) 2x = ) ap(x)dx + bg(x)dx = = のり(ス)とメナらりのは)とい ((a) f(x)) = | a) f(x) dx = = a ) f(x)dx.

Jayx + aux + 000 + aun+1 1 ax + 6x + 000+ 1012 +022 1-1+ ... +01+1 s faix + fazzor + ... + fan+101 -> ay [x" + ay x"-1 + 0 = 1 + an ] 1 a, x n+1 + aug x n + ... + K etnation. 1+1 à marg raison e eb is rain's appointeferant w Pr poros Prita.

: somil us abairfelo co ano? (3) (c)(x) + g(x)) = c(x) + g(x) $\exists$  (c f(x))' = d c f(x) = c d f(x) = c f'(x)(f(x)+g(x))'d (f(x)+g(x))= = 2 f(x) + 8 g(x) = f'(x) + g'(x) is E linear f(c) = lim f(x) - f(c) f(x)=a, x + a2x + + = = + an+1  $a_{1}(x-c)(x^{n-2}+x^{n-3}+\cdots+x^{n-3}+c^{n-1}+c^{n})$   $+ a_{2}(x-c)(x^{n-2}+x^{n-3}+\cdots+x^{n-3}+c^{n-1})$   $+ \cdots + a_{n}(x-c)(x^{n-n})$ => 0 mous grave e n-1, personte i uma tronsformação de Pa para Pa-1.

