1 parrura 1 pour Bod nure 4 acre 3. 1 23.03. 7.3.26. lim ( = [ = ]° y = (1/x) / len ling = ln (=) x2 | lim
ling = ling ln(=) x2 \* lim lu(=) = lim(x2. ln=) = [0.2]. = lim = 1/x = [=] = lim = 1/x = lim 1/x = lim 1/x = lim 1/x = 1/x3 = lim -2 = lim -2 = [-] = 5 => lim luy = 0 (1), = 1

luy = 0 (2) y=(1) = 1 7.3.27. lim x 2-22. [0] luy = lu x 5+lux | lui m lim luy > lim lu x 5+h 8 x->0 = lim 1+lix · lix = lim lui = [ = ] . = lim -1/1 . lim 1 = 1 lim luy - 3 , > luy = 1 => q =0

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,28 P(x) + x4 - x3 + 5x2 - 4x+1
 pin(x) = 0 \ x > 5 = - pan(x) (x-x0)x 

N: (x-x0)x
 p(x) = p(x) + \frac{p'(x)}{(x-x)^2} + \frac{2!}{(x-x)^2} + \frac{2!}{(x-x)^2}
 P"(1) (x-2) = P"(1) (x-44 = [P(1) =
 .1-13+5.12-4.1+1=2: P"(1)=>(P'(x))=
 p'(s) = 4 \cdot 1^3 - 3 \cdot 1^2 + 10 \cdot 1 - 4 = 7 : p''(s) = p''(x)
; (4x3-3x+10x-4) = 12x2-6x+10=> p"()=
:> P(1) = 2 + 7 (x-1) + 8 (x-1) 2 + 3 (x-1) 3 + (x-1) 4
7.3.29 P(x) = x3+4x2-6x-8, x=-1
P(x) = P(-1) + P'(-1) (x+1) + P''(-1) (x+1)^{2} +
+p^{m}(+1)(x-1)^{3} = [p(x) + (x^{2} + 6x - 8)]^{2}
= 3x2+8x-6 => P"(x) = (3x2+8x-6) = 6x+8=>
: p" (6x+8) = 6; P(-1) = -1+4+6-8 = 1; P'(-1)=-1
P"(-1) = -6+8 = 2 ; P"'(-1) = -6] =-
1) P(-1)=1+ (x+1) = 11(x+1) - (x-1)3
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$$P(x) = P(x) + P'(x) (x-x) + P''(x) (x-x)^{2} + P''(x)^{2} + P''(x)^{2} + P''(x)^{2} + P''(x)^{2} + P''(x)^{2} + P''(x)^{2} + P'(x)^{2} + P'(x)^{2} + P'(x)^{2} + P'(x)^{2} + P'(x)^{2} + P'(x)^{2} + P''(x)^{2} + P''(x$$

$$f(x) = arcby \times oo o(x^{3})$$

$$arcby = arcby \times oo o(x^{3})$$

$$arcby = arcby (o) + arcby (o) \times arcby (o)$$