$C) \left( \sqrt{\sin^2(2n(x^2))} \right) = \frac{1}{2} \cdot (\sin^2(2n(x^3))^{\frac{1}{2}} \cdot 2\sin(4n(x^3))^{\frac{1}{2}}$ (81nx · cosx) = cosx · cosx + (-sinx) · sinx = b) (In(2x+1)3) = 3 ln (2x+1) = (2x+1) -2= 2 SIN (Ch (x)) 308 (En (x')) (E) (S) 4 4 x 3 - (2) - X cos (Cn(x3)). 1/x · 3x2 -= COS X - SIN2X ( ( ( ( x ) ) Sin (ln (x3)) 4x3. (n(x) -( Kn(x))2 COS (Con(x2)). 2×+1 Ch(X)

M(x) = (3x2-2x-1). (1+2x+3x2-4x3)-(2+6x-1xx1). · (2.17 +3) (1+2X+3x2-4x3)2 X + 3717 -(X) = cos (x2+3x), X = 1+  $(x) = -\sin(x^2 + 3x) \cdot (2x + 3)$  $(x) = \frac{x^3 - x^2 - x - 1}{1+2x+3x^2 - 4x^3}$ = - SIN ((1T))2 4 (x) = 53x . Lx 11 In to archos 2.53.1 1 53 S SX X-X-X-1 N. T.