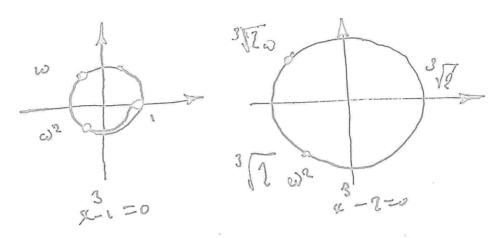
MATIST: 20161118
SHENIFICANCE DE DIFFERENTIAGION

THE PROPERTY THE P

DIVERSION ON CANOIS THEORY

a, x" - ... + a = 0, a i e Q.

AND THE EQ. CAN SE SPUT ?



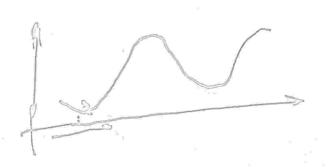
TOO MANY SYMMETERES - NO FORMULA BOTHE WOOTS

MAX/MIN PROBLEMS

dependans.

THE PONOTION f(x) was a maximum of x=a is $f(a) >_2 f(x)$ - $Y - x \in Dem (f)$

EXMAPLE: MAR ATON PLE ENFILIE NO. GE



MEDREM PROPER f(z) has a me $\binom{oL}{prin}$ AT X = a and f(z) DEPOENT db K^{2} $K = a \rightarrow f(a) = a$.

Provid

f(x). mas a mas as x:2:>

f(x): has a mas as x:2:>

f(x) >; f(x) = 7 f(f(x)) - f(x)

10mg x -> 261-36) x -> 0

马奔的)=0.

REMANN

THE THEOREM OVER WAT OFFINE.

THAT I I OF THE NETTERS IS

OF CONTROVERS OF PARE.

50

\$(K) IF f(2)=0.

CASSIDIONTION OF POINTS:

i Rigical cours

20 points voluette of (8 NOT DETO

3. end p o.h.m.

et made er mi de sell ocere. et ont la mas profotnose hondr-et poins

EXAMPLE

h(x) = 2 - 3 2 + 2

h(x) 3 x 3 x 5 = 3 Coots

Lindred porter special, -1

h (h) = 0

h(-1/2 h)

h (39) = -16

$$-\frac{1}{5(x)} = \frac{4x^{2} - 2}{-2}$$

$$= \frac{4x}{(x^{2} - 2)}$$

$$= \frac{4x}{($$

$$g(x) = [x] \text{ ord} \quad [-2, 4]$$

$$g'(x) = \int \frac{1}{2(x)} \text{ on } (0, 4)$$

$$g'(x) = \int \frac{1}{2(x)} \text{ on } (0, 4)$$

$$g'(x) = \int \frac{1}{2(x)} \text{ ord} (-2x)$$

The dest of gives to bout the