- GENSWALIZAMON OF COMPUTABLE FUNCTIONS

(2) -> ALLIGRAPHIC COMPUT, FUNCTIONS

(ZEMO/PNOJ./SUCC.)-)PR BOUNDED -> MINIMALIZATION UNBOUNDED

BOUNDED -> FOR UNBOUNDED >> WHILE (M- or example) PM(X) - { 1 X ip prime 0 Shurriss = (M) | X. istraine = Dg (Pm (x)) -> 23 | | D (>> -1 |

PR -> Definition of class $f:N \to N \qquad (fx) = 2y + 1$ f(x) = pr $\begin{cases}
f(0) = \text{double}(0) = 0 \\
f(y + 1) = \text{double}(y)
\end{cases}$ dont (y) = 0

dont (y) - 2 = 0

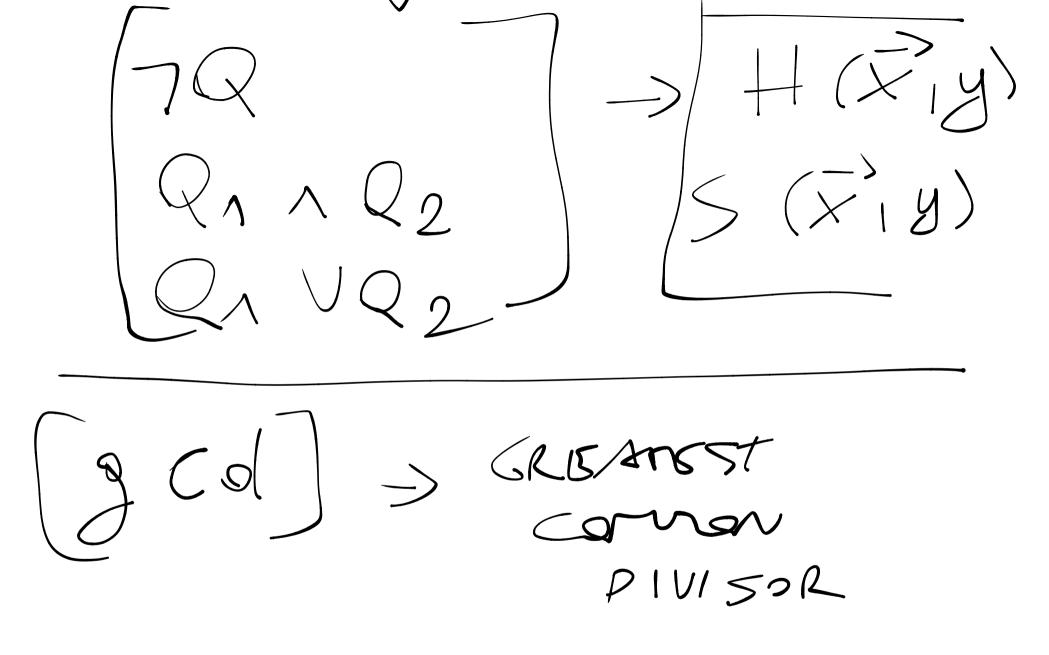
dont (y) - 2 = 0 (donble (4)+1)+1

M=OPSRATOR

L(x)= \(\sqrt{x} \text{if x is a root} \)

A thornize

-> NOT WITH M $M \times in e root = M \times -in e root = M \times -$



gol(x,y) = max z p.A

2 Limbor of X - 2 divisor of y g ed (0, y) grd (0, y-M) _> NOT ~\ABW $\rightarrow Mm(\lambda,7)=0$ Max

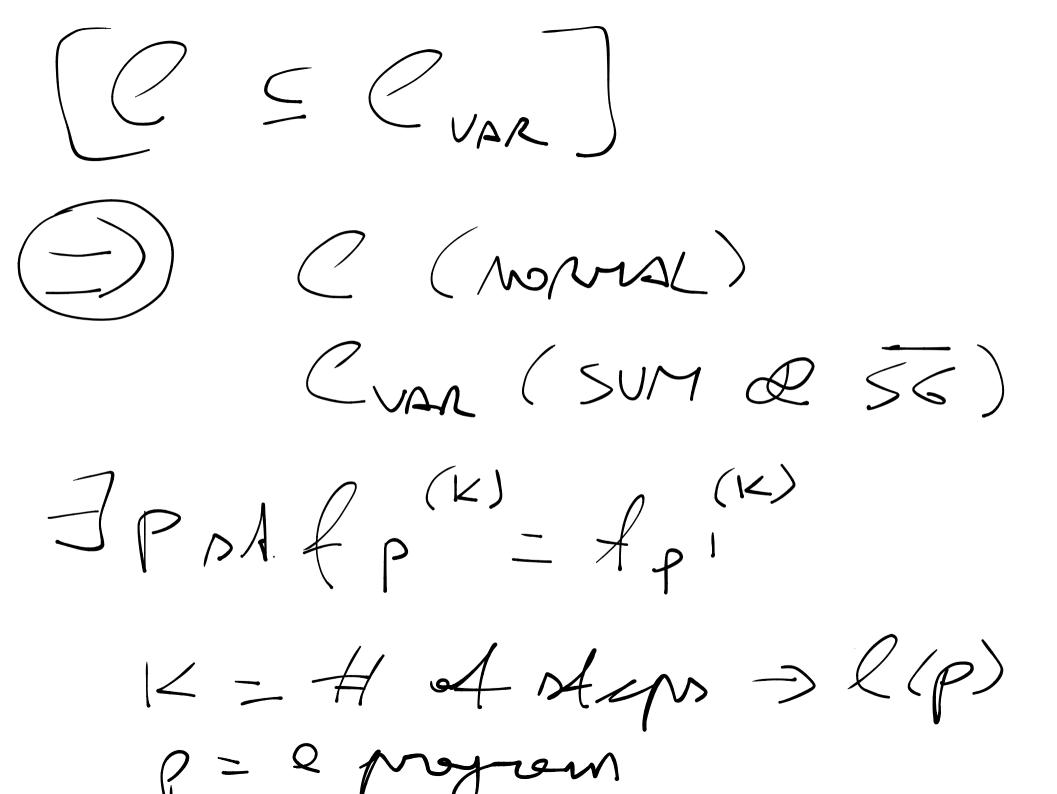
mox Z = mm(x, 2) + $\sum_{m \neq m} (z, y) = 0$ $(Z, x) + \sum_{m \neq m} (Z, y) = 0$ (Z)= min (x,y) - (w)

- LAR (55T) LBAST

 $MW \leq (min(x,y) - w)$ $\wedge (m(2,9) = 0)$ W= FAKB CONSTANT TO MAKS MWM1ZAMON WORK

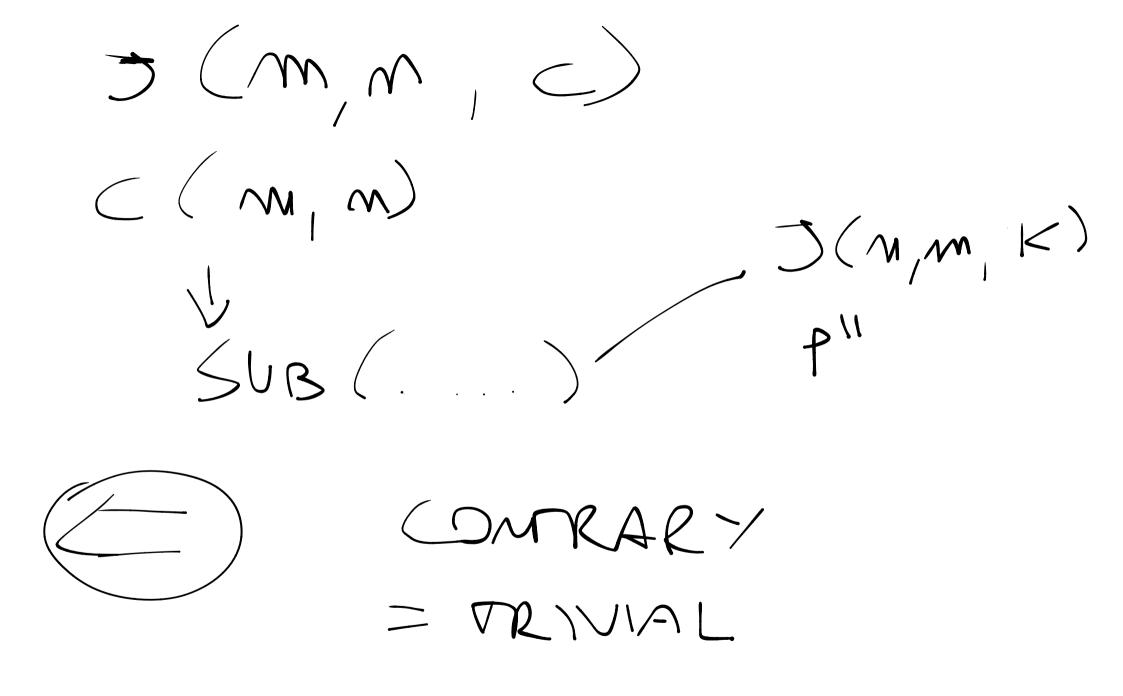
ORM- MACHIUSS $-A(m,m) \Rightarrow$ WRINGS IN "M" THE SUM OF THOTWO 25515 ms25 m1m \sim $(M) \rightarrow \sqrt{3}(M) \rightarrow$

 $M_{\rm M} \rightarrow (7_{\rm M})$



M = 9 M =Z(M) 5 (1,1,3-11) 2000: S(M) 5 (1/1/5+1)

 $(p) \rightarrow I_{k}$ (SUB 07 358-0/26)



NUSRISTUNCTON

$$f^{-1}(y) = \begin{cases} x & \exists x \text{ o. A } f(x) = y \\ \text{otherwise} \end{cases}$$

$$f^{-1}(y) = \begin{cases} u \times , |f(x) - y| \end{cases}$$

$$f(x) = \begin{cases} x & \text{o. A } f(x) = y \end{cases}$$

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 $\frac{1}{2} = \frac{1}{2} = \frac{1}$ $\sum_{k=1}^{N} \sum_{k=1}^{N} \left(\sum_{k=1}^{N} \sum$ $\int \text{Mm}_{2}(x_{1,0}) = \bigcup_{1}^{2}(x_{1,0})$ $\int \text{Mm}_{2}(x_{1,y}) = \int \int \text{Mm}_{2}(x_{1,y})$

 $\sqrt{\frac{2}{N^2}}$ $\frac{\lambda}{\sqrt{2}} = \frac{\sqrt{2}}{\sqrt{2}} =$