

(13). F(Xwa) & S Chy) gre will, en fen Line K-18 1 Ta (4)-9, X-Ta(4) > 30 XX+1= /L-2 nideo = 114 - (xx - 18 cxx) 1/2 The same of -L(X) - onf, henglis worp etway Ha! benyunder, zemnyn whe X, ee zpagnanswas (10500-05/9/112/1/X-9/) 8-3 3xx3- nocupoeta remoder uporujun in on 2 paduem C +xo x Chomen du = Z ", o 12 12 ulb Com e The mora hannit percuescon a lim 1/ T/x (x-2050x)-4/1 = lim 11x 41/4/1-0 D-Bo

if O(X)=0, me x ES / x x te X t => ummer.

They commende crpe Bb1 (x) x) (6 yearsber = ? Lda of (xw) , xx x x 17 2 11 x 12 11 x 12 (fcxxx)-5cxx = = - Lx 11xxx - xx 112 - xx 112 - xx 112 M. $f(x^{y}) - f(x^{y}) \ge \left(\frac{1}{2}u - \frac{1}{2}\right) \sqrt{x^{y}} - \sqrt{x}$ M. $k(x) = \frac{1}{2} = \frac{1}{2$

MMT (Xoyal-(-3)= To Вырах MIL (40,39= (3)= IP $x_1^2 + 2x_1 + 6x_2 + 9$ mink($x_1 + 1)^2 + (x_2 - 3)^2 = f(y)$ $x_1^2 + 2x_1 + 6x_2 + 9$ mink($x_1 + 1)^2 + (x_2 - 3)^2 = f(y)$ $x_1^2 + 2x_1 + 6x_2 + 9$ mink($x_1 + 1)^2 + (x_2 - 3)^2 = f(y)$ $x_1^2 + 2x_1 + 6x_2 + 9$ mink($x_1 + 1)^2 + (x_2 - 3)^2 = f(y)$ $x_1^2 + 2x_1 + 9$ mink($x_1 + 1)^2 + (x_2 - 3)^2 = f(y)$ $x_1^2 + 2x_1 + 9$ mink($x_1 + 1)^2 + (x_2 - 3)^2 = f(y)$ $x_1^2 + 2x_1 + 6x_2 + 9$ mink($x_1 + 1)^2 + (x_2 - 3)^2 = f(y)$ h(x) f= x7AX+6x+C (h(x) MIT | XXXXI = TIP (XXX-XXX DF(XXX)) S(x)= 2(x,+1) +2(x2-3)= 2x+(2) -2 du=augmin f(x0-avf(xu)) $d_{0} = \begin{pmatrix} -6 \\ -6 \end{pmatrix}^{7} \begin{pmatrix} -4 \\ -12 \end{pmatrix} + \begin{pmatrix} 12 \\ -6 \end{pmatrix} \begin{pmatrix} -4 \\ -12 \end{pmatrix} = \begin{pmatrix} 21+72-6+472 \\ 320 \end{pmatrix} = \begin{pmatrix} -4 \\ -12 \end{pmatrix}$ $2 \cdot \begin{pmatrix} -4 \\ -12 \end{pmatrix}^{2} \begin{pmatrix} -4 \\ -12 \end{pmatrix} = \begin{pmatrix} -1 \\ 3 \end{pmatrix}$ $y_{0} = \chi_{0} - d_{0}trf(\chi_{0}) = \begin{pmatrix} -3 \\ -3 \end{pmatrix} + \frac{1}{2}\begin{pmatrix} +1 \\ +112 \end{pmatrix} = \begin{pmatrix} -1 \\ 3 \end{pmatrix}$ $7f(y_{0}) = 0$ X1= [7] (yo) = augmin | Ny - (-1) - 1 eoll? = augmy-13
yea | yea | yea | yea | yea | yea | X1=(3)//

