Ynew, 24+ (2 um :06

مع جدة ثانية لينا: مرس MAN

YNEN, UNHOSO

و بالتاني !

Vnew, o Zunn < 2 un

 $\forall n \in \mathbb{N}$, $0 < u_n < \frac{3}{2} (\frac{2}{r})^n$

ANEW, OK MAN (= Mm I lind

0 < 4/2 40

Vnew, o < Un < 3 (=) "9
-(4) Vnew, 24,+1) 1 9
-(4) Vnew, 1 24,+1) 1 9
-(4) Vnew, 1 4, 20 ; chiles

= 2 × 3/2 2×3/0+1

دفترى اه ما معالمه من الله

و ٥ (١٠١٦ وبالتاني:

Unto = 200 >0

(-1(2/1 cf) VnEN, Unin = 2un 2untr

VneN, On = 4un : nal xu Un Ynen, vn (24,+3) = 44n : 2003 Ynen, 24, Unt 30 = 44,0741 YneN, Un (225-4)=-325 YneN, Un= 322 : dus YneN, Un= 3x (=) " : ot si التمسين التائي؛ (E): 22 2 (12+16) 2+16=0 D=(-2(VZ+VE))2-4X1X16 = 4 (V2)2+ 20 ENTE +6 -4×14 =-4 (16-8-252 6) =-4(6-252x56+2) = - 4 (VE) 2 252 xVE + (VE) 2) =-4 (56-52)2

4)- المنبين ك (X) هندسية: Ynest, on = yun Vnew, Jnon = 4 Unox 3 = 4 (2un) 2 (2un) +3 2M,+6 = 2 4Un 211n+3 ニをい و التالي (٦٦) هندسية أساسه V=1 しのかけたし 9=2 VNEN, On = Vox 9" I lived Uncolon = 1x (2) n oful Vneov, on= (2) n istaly

$$C = \sqrt{2} + \sqrt{2} \Rightarrow |C| = 2$$

$$C = 2 \left(\sqrt{2} + \sqrt{2} \right)$$

$$C = 2 \left(\sqrt{2}$$

$$\begin{aligned}
&(E) J_{2}J_{2} - 2 | \text{Tim} I - (I) \\
&Z_{1} = 2 | (\sqrt{2} + \sqrt{6}) - i \cdot 2 | (\sqrt{6} - \sqrt{2}) i \\
&Z_{2} = \sqrt{2} + \sqrt{6} - (\sqrt{6} - \sqrt{2}) i \\
&D_{0} = \alpha : c_{1} | (\sqrt{6} - \sqrt{2}) i \\
&D_{0} = \alpha : c_{1} | (\sqrt{6} - \sqrt{2}) i \\
&D_{0} = \alpha : c_{1} | (\sqrt{6} - \sqrt{2}) i \\
&D_{0} = (\sqrt{6} + i \sqrt{3}) | (\sqrt{2} + i \sqrt{2}) | \\
&D_{0} = (\sqrt{6} + i \sqrt{6} - i \sqrt{2}) | \\
&D_{0} = (\sqrt{6} + i \sqrt{6} - i \sqrt{2}) | \\
&D_{0} = \alpha | c_{1} | c_{1}$$

(De 4) 3 w jull YXER+, g(x) = 25x-2-hxlind _(1-(1 Treal +, 9/64 = 25 - 1 ais 9 برد أ Vrept, g(x) = 12-1 المربعد العلامة أع رب YEE [NHOE, VE) 1 لرينا Yze [1,tal, 52) 1 Yue [not, Jx-1 20 وبالتابي YXE[1,+00[, 31(x)] 0 إن الدالة و 1 مل المجال كعا، 1]. ا وأ النستنج أو ا Yue [1,+00], Of loss (2) In YXE[1,+00[; x]1 1 c/s [140] 35 1 g ctles Yne [1,+00[, g(a)] g(1)=0 Yze[1,+a[; 252-2-mx]oiciui YXE[1,+00[; 25x-2) for 15th 9 YXE[1;+at; 252) long

a 1 1286 : ef 6 - 12 الذياء a=[41开] b=[とうま了 a = [44, 4x =] a= [256, =] a = 128(2,=3) at = 128 xb 4 استخاح أن ؛ النعلي 20 كاو D = 128 d-0 = 128 € Reist ومنحالاتك 6,6,6 وهول حستيسة

VueR f(x)=-x+ \(\frac{1}{2} - \frac{1}{2} e^{x-2} (e^{x-2} - q)\) Vue Γ. Vue Γ. Vue Γ. Vice [1;+00[; 0 \ Prin (25) Yne[11+00[10< (finx)3(23(02)32009 S 2 - 21 + = +00 10 5 VE [S 1+00[10 (1 mx) 3 (8 1 0 1 0 1) (hnx) = 0 125h 1-1-(2)

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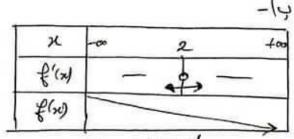
1-1-(2)

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1-1 Yxe Pt, G(n) = -1+4 Ve-bon +2(2-1/2) YXER#; G'(x)=-1+3 5x-mx +252-1 YXER, G'(x) = 252-2-lnx pais Della Palus L poly Signal = SG(m) JA = [x(-1+4 [x - lnx)] = (4 (-1+4x2-hy)-(4-1)) = 4(3-84)-3 - 29 - 4 ln 4 - 43



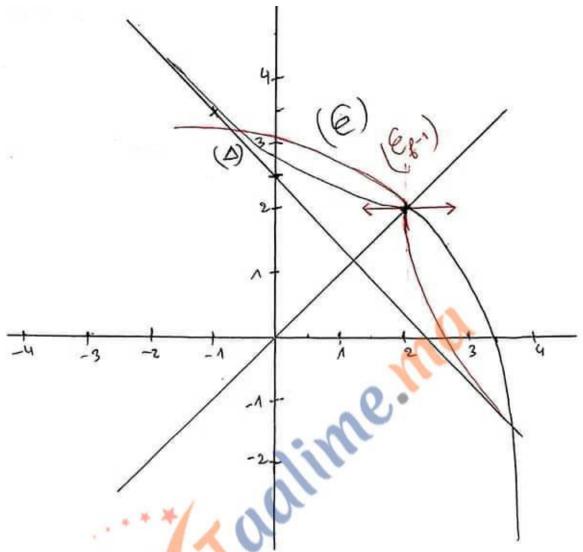
$$\forall x \in \mathbb{R}, f''(x) = (f'(x))' - (5) \\
= (-(e^{x-L} \Lambda)^{2})' \\
= (-2(e^{x-L} \Lambda) e^{x-2})' \\
= -2e^{x-2}(e^{x-2} \Lambda) \\
f''(x) = 0 \iff x = 2$$

r	-00	2	+0
f"(x)	+	- 9 -	-
تعمر (إ	ربه		المعتقى
, was		A(2,2)	10

$$\begin{aligned}
& \left[2 + \ln 3; 2 + \ln 4 \right] \cup S \text{ odds of lied} - \left(6 \right) \\
& \left[\left(2 + \ln 3 \right) \right] = - \left(2 + \ln 3 \right) + \frac{1}{2} + \frac{1}{2} \cup S \\
& = 2 + \ln 3 > 0
\end{aligned}$$

$$\begin{aligned}
& \left[\left(2 + \ln 4 \right) \right] = - \left(2 + \ln 4 \right) + \frac{1}{2} - \frac{1}{2} \times 0 \\
& = \left(\frac{1}{2} - \ln 4 \right) \left(0 \right)
\end{aligned}$$

$$\begin{aligned}
& \left[\left(2 + \ln 3 \right) \times \left[\left(2 + \ln 4 \right) \right] \times \left[\left($$



$$f'(2+h_3) = -(e^{h_3} - 1)^2 \cdot (e^{h_3})(e^{h_3})(e^{h_3})(e^{h_3}) = -(e^{h_3} - 1)^2 \cdot (e^{h_3})(e^{h_3})(e^{h_3})(e^{h_3})(e^{h_3}) = -(4 \neq 0)(e^{h_3} - 1)^2 \cdot (e^{h_3})$$