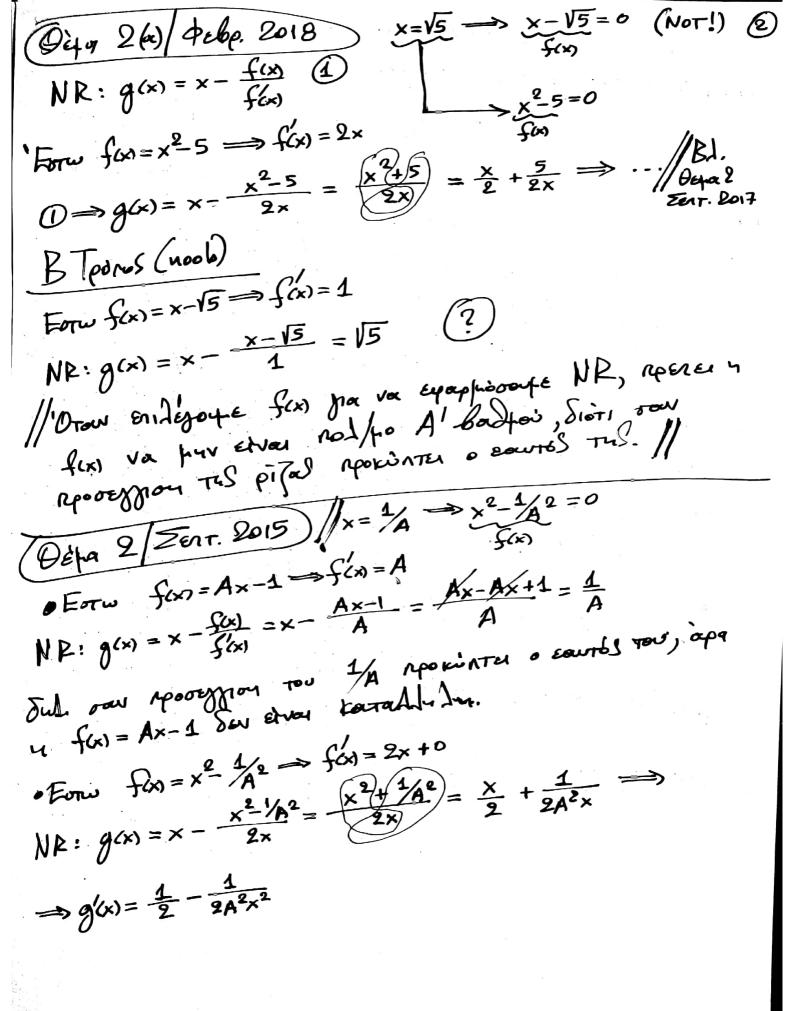
Allies, supraired 07^{-11} $x^{2}-9=0 \implies x=\pm 3$ (2 and 5) $x^{3}-8=0 \implies x^{3}=8 \implies x=\sqrt[3]{8}=2$ (1 and 4) $x^{3}-8=0 \implies x^{3}=8 \implies x=\sqrt[3]{8}=2$ (1 and 4) $x^{2}-6x+9=0$ $x^{2}-6x+9=0$ x



Daorya Espections $|g'(x)| = -1 - \frac{1}{2} - \frac{1}{2A^2x^2} < 1 \Longrightarrow -\frac{3}{2} < -\frac{1}{2A^2x^2} < \frac{1}{2}$ $\Rightarrow 3A^2 > \frac{1}{x^2} > -A^2 \implies 3A^2 > \frac{1}{x^2} \Rightarrow x^2 > \frac{1}{3A^2}$ $||Specific || \times > \frac{1}{AV3} = \frac{1}{7V3}$ $|| \times > \frac{1}{AV3} = \frac{1}{7V3}$ $| \times > \frac{1}{AV3} = \frac{1}{7V3}$ /(G.g)'=fg+fg' Enilepore Xo=1EAE. 1= $(x_0)^{4}$ $(x_1 = g(x_0) = g(1) = \frac{1}{2} + \frac{1}{2.49} = 0.51$ $2 = \frac{1}{2} \frac{1}{2}$ $\frac{2}{(x)} = \frac{2(x+1)(x-2)^2}{(x)} = \frac{2(x+1)\cdot 2(x-2)(x-2)^2}{(x)} = \frac{2(x+1)(x-2)^2}{(x)} = \frac{2(x+1$ = 2(x-2)(x-2)+2x+2) = 6x(x-2). $NP: g(x) = x - \frac{g(x+1)(x-2)^2}{3Bx(x-2)} = \frac{3x^2 - (x^2 - x - 2)}{3x} = \frac{3x^2 - (x^2 - x -$ $= \frac{3x^2 - x^2 + x + 2}{3x} = \frac{2x^2 + x + 2}{3x} = \frac{2x}{3} + \frac{1}{3} + \frac{2}{3x}$ $\Rightarrow g(x) = \frac{2}{3} - \frac{2}{3x^2}$ Didorfa Expedious |g(x)| <1 -> -1 < \frac{2}{3} - \frac{2}{3x^2} < 1 -> -\frac{5}{3x^2} < \frac{1}{3} -> $\Rightarrow \frac{5}{2} > \frac{1}{x^2} > -\frac{1}{2} \Rightarrow \frac{5}{2} > \frac{1}{x^2} \Rightarrow 5x^2 > 2 \Rightarrow x^2 > \frac{2}{5}$

To $r_1=-1$ eivou and i piĵa apa y NR orpediven $f \in r=2$. $(-\infty, -\sqrt{\frac{2}{3}})$. $1 = \frac{1}{3} | \frac{1}{3} |$ Av n pi]a èjes nell/ra k (k=1 and), k=2 sindi, ...)

Tore y $g(x) = x - k \cdot \frac{f(x)}{f(x)}$ organives he v=2. o To V2=2 avou Sindippija apa 4 $g(x) = x - 2 \cdot \frac{f(x)}{f(x)}$ organizes he Enalypote $X_0 = 1 \in (\sqrt{\frac{2}{5}}, +\infty)$ 13 sow/4: $x_1 = g(x_0) = g(1) = 1 - 2 \cdot \frac{f(1)}{f(1)} = 1 - 2 \cdot \frac{4}{-6} = \frac{7}{3} = 2.33$ $1 = \frac{1}{2} \cos(4\pi)$ $\times 2 = g(x_1) = g(2.33) = 1 - 2 \cdot \frac{f(2.33)}{f'(2.33)} = \frac{1}{2}$

$$\begin{vmatrix} x_1 - x_2 \end{vmatrix} = \begin{vmatrix} 1.3701 - 1.3682 \end{vmatrix} = 0.0019$$

$$\begin{vmatrix} x_2 - x_3 \end{vmatrix} = \begin{vmatrix} 1.3682 - 1.3690 \end{vmatrix} = 0.0008$$

$$\begin{vmatrix} x_3 - x_4 \end{vmatrix} = \begin{vmatrix} 1.3690 - 1.3687 \end{vmatrix} = 0.0003$$

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Steffenson - Aitken: Entrayumités hélodoi oi onoiel experpéjourai or auduaraté he attel hélodous kan hérespénous superpéjourai or auduaraté he attel hélodous l'in mille The originalism and praffice of Tempagnismi (KAI MONO!).