

$\gamma_2 - c_{f_2}$

$D_{f_1} \begin{bmatrix} -1 & 0 & 9 \\ 1 \end{bmatrix} \Rightarrow \pi_2 - 1 \Rightarrow g_2 | f_2 = 0$

$x_2 = 0 \Rightarrow g_2 | f_2 = 1$

$\gamma_2 - c_{f_2} K$

$r_{25} c_{f_2} T$

$\gamma_2 - c_{f_2} \delta$

$\rightarrow$

$\boxed{\begin{matrix} x_2^2 \\ f_2 \end{matrix}}$

$\checkmark$

⑤

$$f(q) \geq d$$

2C1) $\geq$ ~~1~~

$R_{UR_2} = R - (R_{S, \text{out}})$ راحت ؟!

0,75

$$r \left(\frac{-dr}{r} + g + c \right) = \frac{r}{r}$$

$$-x^T + x^T A^T \quad x^T - x^T A^T$$

$$x' = x - \frac{1}{2}x^2 - \frac{1}{6}x^3 - \frac{1}{24}x^4 - \frac{1}{120}x^5 - \frac{1}{720}x^6 - \frac{1}{5040}x^7 - \frac{1}{30240}x^8 - \frac{1}{201600}x^9 - \frac{1}{1209600}x^{10} - \frac{1}{7257600}x^{11} - \frac{1}{43545600}x^{12} - \frac{1}{262144000}x^{13} - \frac{1}{1572864000}x^{14} - \frac{1}{9437184000}x^{15} - \frac{1}{56623104000}x^{16} - \frac{1}{341350656000}x^{17} - \frac{1}{2069692800000}x^{18} - \frac{1}{12418156800000}x^{19} - \frac{1}{74508940800000}x^{20} - \frac{1}{447053664000000}x^{21} - \frac{1}{2682322080000000}x^{22} - \frac{1}{16139513040000000}x^{23} - \frac{1}{96837078400000000}x^{24} - \frac{1}{581022470400000000}x^{25} - \frac{1}{3486134832000000000}x^{26} - \frac{1}{20916809088000000000}x^{27} - \frac{1}{125494854560000000000}x^{28} - \frac{1}{7529691273600000000000}x^{29} - \frac{1}{45178145664000000000000}x^{30} - \frac{1}{2710688739840000000000000}x^{31} - \frac{1}{16254292499200000000000000}x^{32} - \frac{1}{97525754995200000000000000}x^{33} - \frac{1}{585154529984000000000000000}x^{34} - \frac{1}{3531967199936000000000000000}x^{35} - \frac{1}{21455803199808000000000000000}x^{36} - \frac{1}{128734819198976000000000000000}x^{37} - \frac{1}{772408915193856000000000000000}x^{38} - \frac{1}{4634453491163136000000000000000}x^{39} - \frac{1}{27806720946979840000000000000000}x^{40} - \frac{1}{166920525882073600000000000000000}x^{41} - \frac{1}{1001523155292441600000000000000000}x^{42} - \frac{1}{6011358931754656000000000000000000}x^{43} - \frac{1}{36070733590968320000000000000000000}x^{44} - \frac{1}{216424401545810560000000000000000000}x^{45} - \frac{1}{1302546409274867200000000000000000000}x^{46} - \frac{1}{7815278455649203200000000000000000000}x^{47} - \frac{1}{46891670733895219200000000000000000000}x^{48} - \frac{1}{281350024403371315200000000000000000000}x^{49} - \frac{1}{1688100146420227936000000000000000000000}x^{50} - \frac{1}{10128600878521367616000000000000000000000}x^{51} - \frac{1}{60771605271128206080000000000000000000000}x^{52} - \frac{1}{367329632829551238400000000000000000000000}x^{53} - \frac{1}{2208057801059445433600000000000000000000000}x^{54} - \frac{1}{13248346806356672601600000000000000000000000}x^{55} - \frac{1}{79490080838140039680000000000000000000000000}x^{56} - \frac{1}{476940485028840236800000000000000000000000000}x^{57} - \frac{1}{2861642910173041433600000000000000000000000000}x^{58} - \frac{1}{17185857441038248832000000000000000000000000000}x^{59} - \frac{1}{103115144646229492800000000000000000000000000000}x^{60} - \frac{1}{618690867877376960000000000000000000000000000000}x^{61} - \frac{1}{3712549207264825600000000000000000000000000000000}x^{62} - \frac{1}{22275305264189120000000000000000000000000000000000}x^{63} - \frac{1}{133651831585134720000000000000000000000000000000000}x^{64} - \frac{1}{805911009510809600000000000000000000000000000000000}x^{65} - \frac{1}{4835466057064832000000000000000000000000000000000000}x^{66} - \frac{1}{29012796342389760000000000000000000000000000000000000}x^{67} - \frac{1}{174076778054359040000000000000000000000000000000000000}x^{68} - \frac{1}{1044460668326153600000000000000000000000000000000000000}x^{69} - \frac{1}{6266764009956928000000000000000000000000000000000000000}x^{70} - \frac{1}{376005840597414400}x^{71} - \frac{1}{2256035043584512000}x^{72} - \frac{1}{135362102615270400}x^{73} - \frac{1}{812172615691648000}x^{74} - \frac{1}{4873035694149888000}x^{75} - \frac{1}{29238214164899328000}x^{76} - \frac{1}{1754292849893964800}x^{77} - \frac{1}{10525757099363776000}x^{78} - \frac{1}{631545425961827200}x^{79} - \frac{1}{3789272555770944000}x^{80} - \frac{1}{227356353346256000}x^{81} - \frac{1}{1364138120077536000}x^{82} - \frac{1}{81848287204652800}x^{83} - \frac{1}{491501723228032000}x^{84} - \frac{1}{29490103393689600}x^{85} - \frac{1}{176940620362137600}x^{86} - \frac{1}{1061643722172838400}x^{87} - \frac{1}{6379862333036928000}$$

५५१५०

$$d(x, y) < \epsilon \Rightarrow |x - y| < \epsilon \Rightarrow \sqrt{b-d} = \sqrt{2} \text{ متر}$$

0

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زمانی این شام کمترین مقدار غذا خاد که یکی از جمله صفت باشد $\leftarrow$ 0.4 $\rightarrow$ $0.4 \mid 0.2 \mid 0.4 \mid 0.2$
 $0.2 \rightarrow 0.2 \mid 0.4 \mid 0.2 \mid 0.2$
 $0.2 \rightarrow 0.1 \mid 0.1 \mid 0.4 \mid 0.2 \mid 0.2$ $\Rightarrow$ 0.2 ✓

④

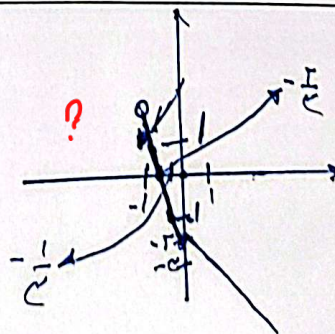
۲

$$\begin{aligned} \chi^2_0 &\Rightarrow -1 \\ \chi^2_{-1} &\Rightarrow 1 \end{aligned}$$

$$Z_1 | Z_2 = 1 \sim \text{r} | \text{r} + 1 |$$

$$\frac{-1}{x+1} - \frac{0}{x-1} = \frac{-1}{x+1}$$

$$R = (-\infty, 1]$$



①

△

$$y = \frac{x^2 + 2x + 4}{x+1} \rightarrow \frac{x^2 + 2x + 4}{x+1} = x + 1 + \frac{3}{x+1}$$

به اول و آخر حلقه باشد

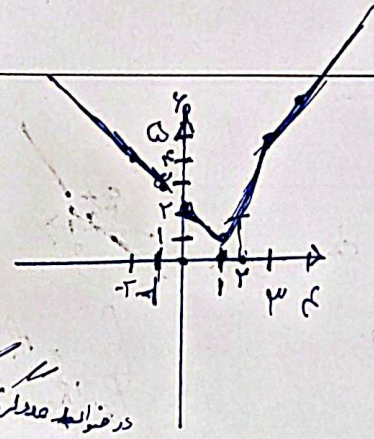
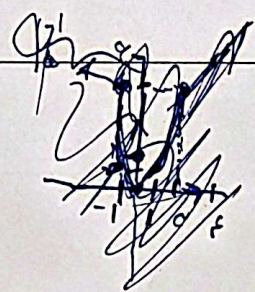
پاسی ...

~~1125~~

0
6

$$\begin{cases} x+1 \\ x^2+2x+4 \\ x+1 \end{cases}$$

$$\begin{cases} x > 0 \\ 0 < x < 1 \\ x < 0 \end{cases}$$



$$R_f = [1, +\infty)$$

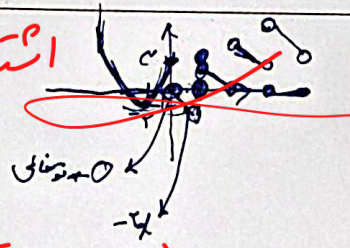
در فاصله عددهای 1 و 2

2
7

$$\begin{cases} x^2 + 2x + 4 \\ [x] - 2x \\ \text{ext} | -1 \end{cases}$$

$$\begin{cases} x < 0 \\ x > 0 \end{cases}$$

استه!



$$R_f = (-\infty, -1) \cup (-1, +\infty)$$

$$0 < x < 1 \rightarrow [x] - 2x = -2x, 1 < x \rightarrow 1 - 2x$$

0
8

$$R_f = [b, +\infty) \Rightarrow \sqrt{x+c} \Rightarrow x+c > 0 \Rightarrow x > -\frac{c}{2} \Rightarrow b = -\frac{c}{2}$$

$$R_f = (-\infty, 0] \Rightarrow x+1 \sqrt{x+c} = 0 \Rightarrow x+1 = 0, x = -1$$

کمید برای بیشترین مقدار

$$(ab = -4)$$

2
9

0
10