

$$Fog = \{ (r, \varepsilon) (r, \omega) \}$$

$$f \circ g(u) = \{ (1, 0) (0, v) (r, 1) \}$$

$$g(f(x)) = \{ (r, \varepsilon) (r, r) \}$$

$$g \circ f(x) - f \circ g(u) = \{ (r, r) \}$$

$$F(F(\frac{\sin^2 x}{1+x})) = F(\cos^2 x) = \sin^2 x$$

$$F(x) \xrightarrow{x \rightarrow 0} 1+x \sim 1 - \sin^2 x = \cos^2 x$$

$$F(x) + F(r) = px + r \sim x = r \sim$$

$$ax + b + ax + b = px + r$$

$$ax + b + ra + b = px + r \sim a = p \sim px + r + rb = px + r \sim b = -r$$

$$F(x) = px - r \xrightarrow{F(r)} = p(px - r) - r = 9x - 9 - r = 9x - 1$$

$$x = -1$$

$$r(x^2 - rx + 1) - 1 = rx^2 - 4x + 11 - 1 = rx^2 - 4x + 10$$

$$(rx - 1) - r(rx - 1) + 1 = rx^2 - rx - 1 + 10 + rx + 1 \sim rx^2 - rx + 10$$

$$rx^2 - 4x + 10 = rx^2 - rx + 10$$

$$rx^2 - rx + 10 = 0$$

$$\omega_1 \cup \omega_2 \{ \mathcal{F} = a^r + \beta^r = (a + \beta)^r - r a \beta = (\frac{r}{2})^r - r \frac{r}{2} = 100 - rv = 9rv$$

برای رسم دوازدهم دفتر A

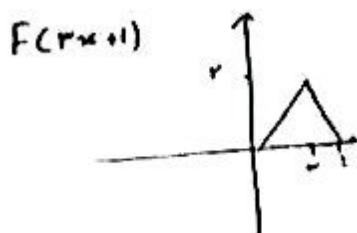
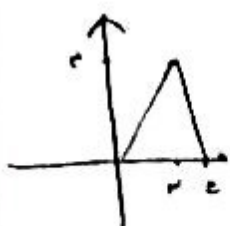
تکلیف صریح A

برای رسم دوازدهم دفتر

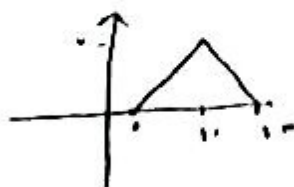
$$F(n) = x + \sqrt{x-2} \quad \xrightarrow{+2} \quad x-2 + \sqrt{x-2-2} \quad \xrightarrow{+2} \quad x-4 + \sqrt{x-4-2}$$

$$y = x \rightarrow y = y-2 + \sqrt{y-4} \sim \sqrt{y-4} = 2 \rightarrow y = 8$$

$$y = 8 \Rightarrow x = 8 \quad \Bigg| \begin{matrix} 8 \\ 8 \end{matrix}$$



$$F(x) \sim F(x-1) \\ \frac{1}{2} F(x-1)$$

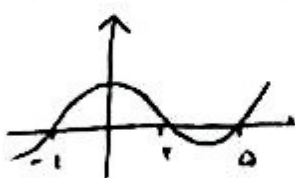
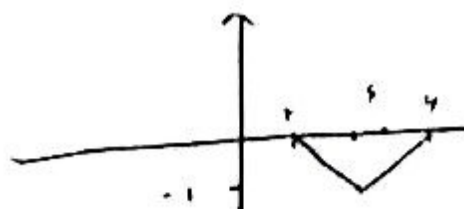
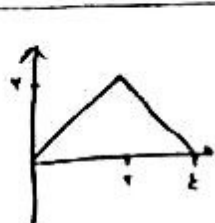


$$S = \frac{1 \times 2 \times 2}{2} = 2$$

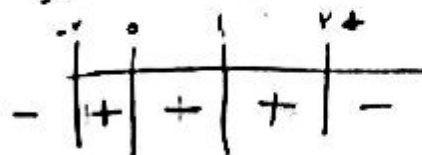
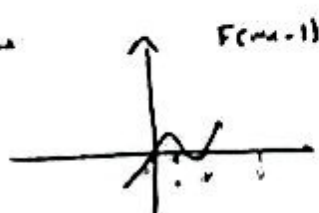
$$A = (r, -r)$$

$$\begin{vmatrix} r & -(r+\frac{a}{2}) \times r \\ -r & -r+a \end{vmatrix} = \epsilon + a$$

$$-r+a = r(\epsilon+a) - r \sim a-r = r a + 1 - 1 \sim a = -r$$



$$y_2(n) = \sqrt{-(n+r)F(rn-1)}$$



$$D = [r, 0] \cup [1, 2]$$