Analiza

1. Calc. derivata de ordinal a EIN a fc. de mai jos si precizati multime pe care aceste fc. sent indefinit G) $\int (x) = \sin x$ (x) = cos x $(x) = - \sin x$ $(x) = - \cos x$ $(x) = \sin x$ (sin x, n=4K (05 x , M = 5K+1 - Sinx, n= 4k+2 , KGIN L - cosx, m=4K+3 mulinea pe con f este indjint dezivabilà este R b) \((x) = lm (x+1) C.E. x+1>0 => X>-1 =>x & (-1, +0) $\int_{0}^{\pi} (x) = (x+1)^{-1}$ $\begin{cases} (x) = -1 \cdot (x + 1) - 2 \end{cases}$

$$\begin{cases} (x) = -1 \cdot -2 \cdot (x+1)^{-\frac{3}{2}} \\ (x) = (-1)^{\frac{3}{2}} \cdot (m-1)! \cdot (x+1)^{-\frac{3}{2}} \\ (x) = (x^{2}-x) \cdot x^{\frac{5}{2}} \\ (x^{2}-x) \cdot x^{\frac{5}{2}} \end{cases}$$

$$\begin{cases} (x^{2}-x) \cdot x^{\frac{5}{2}} \\ (x^{2}-x) \cdot x^{\frac{5}{2}} \end{cases} = C \cdot (x^{2}-x) \cdot (x^{\frac{5}{2}})^{\frac{1}{2}} + C \cdot (x^{2}-x)^{\frac{5}{2}} \cdot (x^{\frac{5}{2}})^{\frac{5}{2}} + C \cdot (x^{2}-x)^{\frac{5}{2}} \cdot (x^{\frac{5}{2}})^{\frac{5}{2}} + C \cdot (x^{2}-x)^{\frac{5}{2}} \cdot (x^{\frac{5}{2}})^{\frac{5}{2}} \end{cases}$$

$$= (x^{2}-x) \cdot x^{\frac{5}{2}} + c \cdot (2x-1) \cdot x^{\frac{5}{2}} \end{cases}$$

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O) $\{(x) = \sqrt{1-x}, x \le 1 = x \in (-\infty, 1]\}$

$$\begin{cases} |x| = \frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \cdot (-A) \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \cdot (A - x)^{-\frac{1}{2}} \\ |y| = -\frac{4}{2} \cdot (A - x)^{-\frac{1}{2}} \cdot (A -$$

b)
$$\int_{(x)}^{(x)} |x| = \int_{(x+1)}^{(x+1)} |x| + \int_{($$

