Soluzioni 16 luglio 2021

$$E \int \mathcal{E} R(1 \pm 10) \left(\frac{3}{3} \right) = \frac{x^2 + 3}{x^2 - 9}$$

$$f(n) = e \frac{x^2 + 3}{x^2 - 9}$$

$$= |R| \left\{ \pm 3 \right\}$$

$$\frac{(-n)^2 + 9}{(-n)^2 - 5} = e \frac{x^2 + 9}{x^2 - 5} = f(n)$$

$$\Rightarrow \int e \int (-n)^2 = e \int$$

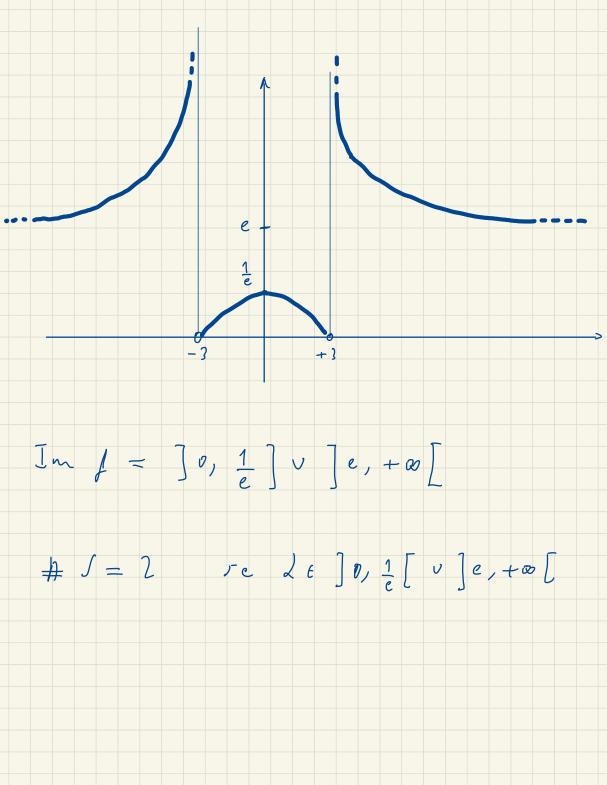
$$\int (0) = e^{-1}$$

$$\int \frac{x^2 + 9}{x^2 - 5} = 0$$

$$\int \frac{x^2 + 9$$

$$f(x) = e \frac{x^{2} + 3}{x^{2} - 3} \cdot \frac{2x(x^{2} - 3) - 2x(x^{2} + 3)}{(x^{2} - 3)^{2}} = e \frac{x^{2} + 3}{x^{2} - 3} \cdot \frac{2x^{3} - 18x - 2x^{3} - 18x}{(x^{2} - 2)^{2}} = e \frac{x^{2} + 3}{x^{2} - 3} \cdot \frac{2x^{3} - 18x - 2x^{3} - 18x}{(x^{2} - 2)^{2}} = e \frac{e^{x^{2} + 3}}{(x^{2} - 3)^{2}} \cdot \frac{(-36x)}{(-36x)} \le 0 \quad \text{fe} \quad x \ge 0$$

$$f(x^{2} - 3)^{2} \cdot \frac{(-36x)}{3} \cdot \frac{(-36x)}$$



$$= \int_{0}^{1} \ln n - \frac{x^{3}}{6} + \frac{11}{110} x^{5} + o(n^{5})$$

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