Alona: Trivis of Slus Fromoso

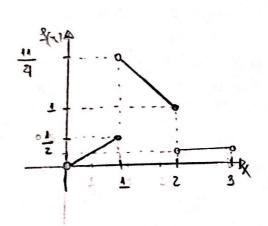
Errous 15. Exercicio 2

Posisce A 709:

$$g_{11} = \begin{cases} x_{12} & x & 0 < x \le 1 \\ 8 - x_{14} & 1 < x \le 2 \\ 1/4 & 2 < x < 3 \\ 0 & caso costrn'is$$

descenice.

a. E(IXI)



:
$$|E(|x|) = |E(x)| = \frac{113}{24}$$

* A f(x) NãO ESTÁ DEFINIDA

PARA NEutrom valor de x

NEOSTIVO, LOGO f(x) L' POSITIVA

e f((x)) = f(x)

$$11 = 3\left(\frac{113}{24}\right) - 5$$

$$11 = \frac{339}{24} - 5$$

$$\mathbb{E}(3X-5) = \frac{219}{24}$$