```
lim (lim x = 1) = com = = 1
 22.3 f(x,y) = \sin \frac{\pi x}{2x \cdot y}, y \neq -2x, a = 6 = +\infty
  lim ( lim vin 1X) = lim 0 = 0 4
 lin (lin vin tox) = lin (lim 2+ 4 30) - lin 1 = 1
         f(x,y) = \frac{x-y}{y+y}, x \neq -
  \lim_{x\to 0} \left( \lim_{y\to 0} \frac{x-y}{x+y} \right) - \lim_{x\to 0} 1 = 1
  \forall n \in \frac{1}{n}, \forall n = \frac{2}{n}, \lim_{n \to \infty} f\left(\frac{1}{n}, \frac{2}{n}\right)
  x_{h} = \frac{1}{n} \cdot y_{h} = \frac{5}{n}; c_{im} = \frac{1}{n} \cdot \frac{5}{n} = \frac{4}{5}
27.15 f(x,y) = \{\frac{1}{xy}\} \times y \neq 0
 lin f(x,y) = 00 = (x,y) npu xy=0 - moran pospaby
22.16 f(x,y)= {xrin = y y + 0
\lim_{x \to \infty} x \sin \frac{1}{y} = \lim_{x \to \infty} x \cdot \lim_{y \to \infty} \sin \frac{1}{y} = x \cdot \cdot \lim_{y \to \infty} \sin \frac{1}{y} \to 3
```