assurdo:
$$\mathbb{R}^{2} \stackrel{\text{oneo}}{=} \mathbb{R} \times [0, \infty) = \mathbb{R}^{2} \setminus \{0\} \stackrel{\text{o}}{=} (\mathbb{R} \times [0, \infty)) \setminus \{(0, 0)\} \text{ oneomorfi}$$

$$= > \mathbb{R}^{2} \setminus \{0\} \cong (\mathbb{R} \times [0, \infty)) \setminus \{(0, 0)\} \text{ oneofori}$$

$$= > \pi_{1} (\mathbb{R}^{2} \setminus \{0\}) \stackrel{\text{o}}{=} \pi_{1} ((\mathbb{R} \times [0, \infty)) \setminus \{(0, 0)\}) \text{ isomorfi}$$

$$\int_{\Gamma_{1}} \left(\mathbb{R}^{2} \setminus \{o\} \right) \cong \mathbb{Z} \qquad \text{assurdo} \\
= \sum_{\Gamma_{1}} \left(\left(\mathbb{R} \times [o, \infty) \right) \setminus \{(o, o)\} \right) \cong \{e\}$$