$$\left|x^{2}+x\right|= 3^{-log\_{3}\frac{1}{3x}}$$

$$\left|x^{2}+x\right|= 3x$$

$$1)x^{2}+x=3x, x^{2}-2x=0, x\left(x-2\right)=0=>x1=0 и x2=2$$

$$2) x^{2}+x=-3x Решаем x\left(x+4\right)=0 x=0, x=-4$$

*x*$\ne 0$ *Ответ* $x1=-4,$ *x2=2*