









$$\frac{1}{2} \sup_{x \in \mathcal{X}} |x| = \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \left(\frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} - \frac{1}{2^{4}} \right)^{2}$$

$$\frac{1}{2} \sup_{x \in \mathcal{X}} |x| = \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \left(\frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} + \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \right)^{2}$$

$$\frac{1}{2} \sup_{x \in \mathcal{X}} |x| = \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \left(\frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} + \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \right)^{2}$$

$$\frac{1}{2} \sup_{x \in \mathcal{X}} |x| = \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \left(\frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} + \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \right)^{2}$$

$$\frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} = \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \left(\frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} + \frac{1}{2^{4} \sup_{x \in \mathcal{X}} |x|} \right)^{2}$$