$$|| \times ||_{1} = \sum_{i=1}^{n} | \times_{i} | = | \times_{i} | + | \times_{i} | + | \times_{i} | = | \times_{i} | + | \times_{i} | + | \times_{i} | = | \times_{i} | + | \times_{i} | + | \times_{i} | = | \times_{i} | + | \times_{i} | + | \times_{i} | + | \times_{i} | = | \times_{i} | + | \times_{i} | + | \times_{i} | = | \times_{i} | + | \times_{i} | + | \times_{i} | = | \times_{i} | + | \times_{i} | + | \times_{i} | = | \times_{i} | + | \times_{i} | + | \times_{i} | + | \times_{i} | = | \times_{i} | + |$$