第 1 章补充作业 2

设 $S \subset R^n$ 非空，则 S 的凸包

$$convS = \left\{ \overline{\boldsymbol{x}} = \sum_{i=1}^{k} \lambda_i \boldsymbol{x}^i \mid \boldsymbol{x}^i \in S, \lambda_i \geq 0, i = 1, \cdots, k, \sum_{i=1}^{k} \lambda_i = 1, k\text{正整数} \right\}$$