排序

希尔排序: Sedgewick序列

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Sedgewick's Sequence

- ❖ Pratt's sequence requires too many iterations and hence is not good for pre-sorted sequences
- ❖ Sedgewick's sequence: a combination of PS's sequence with Pratt's

- worst $\mathcal{O}(n^{4/3})$ & average $\mathcal{O}(n^{7/6})$
- best performance in practice
- **\clubsuit** Is there a step sequence with $\mathcal{O}(n \cdot \log n)$ worst-case performance?