Chapter 1 Base

1.1 Base.h

1. void Sum(const VVReal &, VReal*);

1.2 random.h

1. void UniformSample(int t, VInt* v); sample between 0 and size(v) uniformly t times.

1.3 StlUtil.h

- 1. void Multiply(const VReal &src, double m, VReal* des);
- 2. void Multiply(const VVReal &src, double m, VVReal* des);
- 3. int DiffNum(const VInt &lhs, const VInt &rhs); the number of different value between lhs and rhs

1.4 Probability.h

- 1. int SumTopN(const VInt &src, int len);
- 2. bool NextMultiSeq(int num, VInt* des); 产生下一个多项式分布的序列

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