分类 算法 下的文章

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CSP 2019 算法模板复习！ (https://blog.orzsiyuan.com/archives/hehezhou-AK-CSP-2019/)

Siyuan（https://blog.orzsiyuan.com/author/1/） 2019 年 09 月 22 日

「算法笔记」生成函数求数列通项公式 (https://blog.orzsiyuan.com/archives/Sequence-of-General-Term-Formula/)

> √ 利用生成函数，可以求解数列的通项公式。本文以「斐波那契数列」为例。

Siyuan（https://blog.orzsiyuan.com/author/1/） 2019 年 06 月 27 日

「算法笔记」泰勒公式和牛顿迭代法 (https://blog.orzsiyuan.com/archives/Taylor-Formula-and-Newton-Method/)

√ 泰勒公式和牛顿迭代法在多项式下有广泛运用。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 06 月 23 日

「算法笔记」多项式三角函数 (https://blog.orzsiyuan.com/archives/Polynomial-Trigonometric-Function/)

√ 使用欧拉公式可以轻松求出多项式三角函数。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 06 月 23 日

「算法笔记」多项式快速幂 (https://blog.orzsiyuan.com/archives/Polynomial-Power/)

√ 求多项式快速幂时，可以转化成自然对数和指数函数计算。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 06 月 19 日

「算法笔记」多项式指数函数 (https://blog.orzsiyuan.com/archives/Polynomial-Exponential/)

√ 对于一个多项式的指数函数必须泰勒展开才能求解。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 06 月 19 日

「算法笔记」多项式自然对数 (https://blog.orzsiyuan.com/archives/Polynomial-Natural-Logarithm/)

√ 通过简单的求导和不定积分可以求出多项式的自然对数。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 06 月 19 日

「算法笔记」杜教筛 (https://blog.orzsiyuan.com/archives/Du-Sieve/)

√ 杜教筛通过 Dirichlet 卷积，可以计算积性函数的前缀和。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 04 月 25 日

「算法笔记」后缀数组 (https://blog.orzsiyuan.com/archives/Suffix-Array/)

√ 后缀数组是处理字符串的有力工具。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 04 月 09 日

「算法笔记」快速沃尔什变换 FWT (https://blog.orzsiyuan.com/archives/Fast-Walsh-Hadamard-Transform/)

√ 快速沃尔什变换用于解决多项式位运算卷积。其计算过程和 FFT 类似。

Siyuan (https://blog.orzsiyuan.com/author/1/) 2019 年 04 月 04 日

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