* Matrix Chain Multiplication: <https://youtu.be/_WncuhSJZyA>
* String Matching Algorithm:

1. Naïve:
2. Rabin Karp Algorithm: <https://youtu.be/qQ8vS2btsxI>

* Number Theory:
* Extra:

a) Multiplicative inverse: <https://youtu.be/YwaQ4m1eHQo>

b) Modular arithmetic:

* Part 1 - <https://youtu.be/M42uDLGRSpI>
* Part 2 - <https://youtu.be/P7P03gg3msE>

1. Chinese Remainder Theorem:

* Part 1 - <https://youtu.be/e8DtzQkjOMQ>
* Part 2 - <https://youtu.be/zd1_iY0FSEo>

1. Euler Phi / Totient Function: <https://youtu.be/DwQ7-k9LkJ4>

* Hashing:
* <https://youtu.be/zeMa9sg-VJM>
* <https://youtu.be/dxrLtf-Fybk>
* <https://youtu.be/AYcsTOeFVas>
* For intro/complexity/pros and cons:
* <https://youtu.be/wWgIAphfn2U>
* <https://youtu.be/_xA8UvfOGgU>
* <https://youtu.be/Dk57JonwKNk>
* Segmented Sieve: [Sieve of Eratosthenes - Algorithms for Competitive Programming (cp-algorithms.com)](https://cp-algorithms.com/algebra/sieve-of-eratosthenes.html)
* Bitwise sieve: [বিটওয়াইজ্ সিভ(Bitwise sieve) | শাফায়েতের ব্লগ (shafaetsplanet.com)](https://www.shafaetsplanet.com/?p=855)
* Linear sieve: [Linear Sieve - Algorithms for Competitive Programming (cp-algorithms.com)](https://cp-algorithms.com/algebra/prime-sieve-linear.html)
* Knapsack - <https://youtu.be/LveF2qwHrqU>

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