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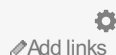
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Zhu–Takaoka string matching algorithm

From Wikipedia, the free encyclopedia

In [computer science](#), the **Zhu–Takaoka string matching algorithm** is a variant of the [Boyer–Moore string search algorithm](#). It uses two consecutive text characters to compute the bad character shift. It is faster when the alphabet or pattern is small, but the [skip table](#) grows quickly, slowing the [pre-processing](#) phase.

References [\[edit\]](#)

- Black, Paul E. "Zhu–Takaoka" [↗](#). *Dictionary of Algorithms and Data Structures*. NIST.
- Zhu, Rui Feng; T. Takaoka (1987). "On improving the average case of the Boyer-Moore string matching algorithm" [↗](#). *Journal of Information Processing* **10** (3): 173–177. ISSN 0387-6101.
- <http://www-igm.univ-mlv.fr/~lecroq/string/node20.html> [↗](#)

Categories: [String matching algorithms](#)

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