

the problem is finding the palindromic length of a string.  $O(n \log n)$  [1]. conjectured to be  $O(n)$  [2].

## References

- [1] Gabriele Fici, Travis Gagie, Juha Kärkkäinen, and Dominik Kempa. A subquadratic algorithm for minimum palindromic factorization. *Journal of Discrete Algorithms*, 28:41–48, 2014.
- [2] Mikhail Rubinchik and Arseny M Shur. Eertree: an efficient data structure for processing palindromes in strings. *European Journal of Combinatorics*, 68:249–265, 2018.