

Triangle counting.

$O(n^\omega)$ [2].

$O(m^{\frac{2\omega}{\omega+1}}) = O(m^{1.41})$ [1].

References

- [1] Noga Alon, Raphael Yuster, and Uri Zwick. Finding and counting given length cycles. *Algorithmica*, 17(3):209–223, 1997.
- [2] Artur Czumaj and Andrzej Lingas. Finding a heaviest triangle is not harder than matrix multiplication. In *Proceedings of the eighteenth annual ACM-SIAM symposium on Discrete algorithms*, pages 986–994, 2007.