

## THE GOLDBACH'S CONJECTURE

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### Abstract

In this paper, we give the proof of Goldbach's conjecture. Proof is based on the idea of residual vector. Definition of residual vector as well as the algorithm for two primes which sum is given even natural number is presented. Three examples of the described algorithm are included.

**Keywords and phrases:** Goldbach's conjecture, residual vector, residual prime, nonresidual prime.

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### References

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