

# Hilbert's second problem is solved

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# HILBERT'S SECOND PROBLEM IS SOLVED

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ABSTRACT. I have written a solution.

MSC Class: 00A27, 00A05, 00A30, 03F40, 03F99, 00A35.

## 1. INTRODUCTION

To cite from an Encyclopedia of 2023 AD,

*In mathematics, Hilbert's second problem was posed by David Hilbert in 1900 AD as one of his 23 problems. It asks for a proof that the arithmetic is consistent – free of any internal contradictions. Gdel's incompleteness theorems are two theorems of mathematical logic proved by Kurt Gödel in 1931 AD. They show that any formal system that can express basic arithmetic is incomplete and cannot prove its own consistency.*

## 2. MY CONTRIBUTION

I found an unresolvable contradiction; please, read Ref. [1]. Namely, Eq. (1) contradicts Eq. (4).

## 3. CONCLUSION

Due to the Section 3 of Ref. [1], the enterprise between Physicists and Mathematicians could select the TRUE solution, which in my case is Eq. (1).

## REFERENCES

- [1] Dmitri Martila. (2023). Navier–Stokes Millennium Prize problem is solved. Qeios. doi:10.32388/0K47T6.