

# Curriculum Vitae of Anastasios Fragkos

Last Update: 26/08/2024

## 📌 Personal notes

**Surname:** Fragkos  
**Name:** Anastasios  
**Father's Name:** Evangelos  
**Mother's Name:** Margarita  
**Place of Origin:** Naoussa of Paros, Greece  
**Date of Birth:** 14/07/2001  
**Native Language:** Greek  
**Foreign Languages:** English (B2 level)

## 📌 Education

- **Pure Mathematics:** BSc. Department of Mathematics, National and Kapodestrian University of Athens. Period: 2019-2023.
- **Pure Mathematics:** MSc. Department of Mathematics, National and Kapodestrian University of Athens. Period: 2023-current.

## 📌 Contact

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## 📌 Websites

Main: <https://afragos-math.github.io/>  
Academia: <https://uoa.academia.edu/AnastasiosFragkos>

## 📌 Academic experience

**National and Kapodestrian University of Athens (Dept. of Mathematics):**

- 141: Computer Science I (winter semester, 2023-24). Lab assistant.






## 📌 Publications in mathematics

**Books:**






- Geometric Calculus (under construction). (Along with: [Gialelis Nikolaos](#) and [Bitsouni Vasiliki](#)).

## 📖 Lecture notes

### Graduate:






-  (In collaboration with **Bizanos Konstantinos**) Introduction to Topology (under construction)
-  The geometry behind a Reaction-Diffusion equation (August 2024)
-  (In collaboration with **Bizanos Konstantinos**) Jacobi Fields (May 2024)
-  The Heisenberg Algebra and Group (May 2024)
-  Geometric Multilinear Algebra (January 2024)

### Undergraduate:

-  Computer Science I - Labs (September 2023)
-  Schauder Bases - Brief analysis (April 2023)
-  Topology - Lecture Notes (March 2023)
-  Complex Analysis I (February 2022)
-  Introduction to Plane Hyperbolic Geometry (September 2021)

More can be found on my main website.

## 📖 Some presentations of mine

- Co-organiser of NKUA's & Eudoxus' (Association of Graduate Students and Doctoral Candidates of Dept. of Mathematics, NKUA) [Mathematics Study Group WS 2024-25](#). (Along with **Bizanos Konstantinos** and **Katsantonis Evangelos**)
-  The Heisenberg algebra and group
-  (In collaboration with **Bizanos Konstantinos**) Jacobi Fields
-  Multilinear Algebra and Differential Forms (Pages 55-79)
-  Schauder Bases (Pages 51-55 & 57-62)
-  Seeley's Extension Theorem (Pages 9-14)

## 📖 Articles

### Wikipedia

My username is [AFragos](#).

- [Υπεργράφημα \(Hypergraph\)](#) (translation, additions. November 2022)
- [Συνδυαστικός σχεδιασμός \(Combinatorial Design\)](#) (translation, corrections. June 2022)

## 📖 Honours and Awards

- Fully funded to attend [Festum-π Summer School](#), 08-13 of July 2024 (see [particip. list](#))
- Fully funded to attend [Festum-π Conference](#), 14-20 of July 2024 (see [particip. list](#))

## 📖 Software I have knowledge of

- L<sup>A</sup>T<sub>E</sub>X
- XE<sub>L</sub>A<sub>T</sub>E<sub>X</sub>

- HTML
- MatLab
- Python

## Volunteering

I am member of the [students' volunteer team](#), and therefore I administer the following e-classes:

- [Type-written Lecture Notes from Alumni and Students of the Department of Mathematics](#)
- [Old exams material](#)
- [Lecture notes for Graduate studies](#)
- [Lecture notes of 2023-24](#)
- [Lecture notes of 2022-23](#)