Theo Koppenhöfer

Curriculum vitae

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About me

I am currently a mathematics PhD student at Heriot Watt University in Edinburgh. Before coming to Scotland I did a masters at Lund university in Sweden and I did my bachelors at Bonn university in Germany. My focus within mathematics lies on the analysis of partial differential equations. During my bachelors I also focused on numerical analysis though you may find that I have taken courses all over the shop in mathematics (and some physics). Besides math I also like reading and going out for hikes and cycle rides in the surrounding nature. Originally I am from Heidelberg, Germany.

Facts

Full name	Theo Benjamin Koppenhöfer
Date of birth	9. November 2000
Place of birth	Heidelberg, Germany
Nationality	German, British

Education

autumn 2024 – 2027	Mathematics PhD, Heriot Watt University, Scottland
autumn 2022 – spring 2024	Mathematics Msc., Lunds Universitet, Sweden
autumn 2023 – spring 2024	Svenska som andraspråk 2, Komvux Lund, Sweden
autumn 2019 – summer 2022	Mathematics Bsc., Universität Bonn, Germany
autumn 2011 – summer 2019	Abitur, St. Raphael Gymnasium Heidelberg, Germany

Theses

Master thesis	Some relations between equilibria of harmonic vector fields and the domain topology, applied analysis, under the supervision of Erik Wahlén
Bachelor thesis	Adaptive finite element methods in linear elasticity (in German, mark: 1.1), numerics, under the supervision of Joscha Gedicke

Computing skills

General programming	python, C, C++, OpenMPI
Mathematical languages	Wolfram Matematica, Matlab, Maple
Basic webdesign	HTML, Javascript, CSS, php (I maintained the website calcfee.com for a year where one could calculate paypal transaction fees)
Linux / Unix	git, bash, makefiles
Other	LaTeX

Language skills

English	Native speaker
German	Native speaker
Swedish	Intermediary knowledge
French	Basic knowledge (B1)
Latin	Basic knowledge (Latinum)