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Intermittency and number expansions for random interval maps

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Curriculum Vitae

Benthen Pascal Zeegers was born in Alkmaar in 1993. He obtained his gymnasium diploma in 2012 at secondary school Han Fortmann in Heerhugowaard and continued with the bachelors Mathematics and Physics at Leiden University. He completed both bachelors cum laude in 2015 and alongside finished the Honours College programme Bèta and Life Science. His bachelor thesis contains new results on the Kuramoto model in the context of a hierarchical lattice structure. Benthen contributed as a co-author to an article that builds upon these results.

In 2018 he received his master's degree in Mathematics summa cum laude at Leiden University. Benthen carried out part of his master's project at the University of Vienna on an acquired Erasmus+ grant. This project led to new results in several topics on random dynamical systems and part of these results became the starting point for the work presented in the second part of his doctoral dissertation.

Benthen started his PhD studies in November 2018 at the Mathematical Institute of Leiden University under the supervision of Dr. C. Kalle. His doctoral dissertation *Intermittency and Number Expansions for Random Interval Maps* covers results obtained during five different research projects on random dynamical systems. Benthen presented his research projects in many local and international seminars, workshops and conferences. He has been a teaching assistant for various courses taught at the Mathematical Institute in Leiden and supervised students of the Leiden PRE-University programme. For over two years he co-organized the Leiden seminar on probability theory, operations research and dynamical systems.