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This thesis is the product of four years of PhD studies. It portrays the research on which I worked during these years, and represents only a small fraction of the process that took me from a Master of Science to a Doctor of Philosophy, a PhD. Many people contributed to this thesis, and this whole process.

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Willem Bernard van Zuijlen was born in Zeeland in 1989. After graduating in 2007 from Udens College in Uden, he studied mathematics at the Radboud University in Nijmegen. There he obtained a Bachelor of Science in Mathematics in 2010 (cum laude) and a Master of Science in Mathematics in 2012 (summa cum laude). He wrote his Master’s thesis, entitled Integration of functions with values in a Riesz space, under the supervision of Prof. dr. A.C.M. van Rooij. In 2012 he moved to the University of Leiden and started his PhD research under the supervision of Prof. dr. Frank den Hollander and Prof. dr. Frank Redig, funded by the ERC Advanced Grant of Prof. dr. Frank den Hollander. He accepts a postdoc position at the Humboldt University of Berlin, starting from October 2016.