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Topologies and convergence structures on vector lattices of operators

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Curriculum Vitae

Yang Deng was born on 8th September 1990 in Jingshan, Hubei, China. In 2009, he moved to Chengdu to start his study in mathematics at Southwest Jiaotong University in that city. He received his B.Sc. degree in 2013 and continued with his master's studies at the same university. In 2016, he obtained his M.Sc. degree with a master's thesis titled *Limited operators on Banach lattices* under the supervision of prof. Zili Chen.

In 2016, he was awarded a scholarship by China Scholarship Council (CSC) to pursue his Ph.D. studies at Leiden University under the supervision of dr. Marcel de Jeu. During this time he attended and spoke at numerous meetings of the functional analysis seminar in Leiden. He attended the conference *Positivity IX* in Edmonton, Canada, in 2017; the *Dutch Mathematical Congress* in Veldhoven, the Netherlands, in 2018; the workshop *Functional Analysis Days* in Lancaster, United Kingdom, in 2018; the conference *50th anniversary of NBFAS* in Edinburgh, United Kingdom, in 2018; and the workshop *Recent Advances in Banach Lattices* in Oaxaca, Mexico, in 2018. He gave contributed talks at the workshop *Ordered Banach Spaces, Positive Operators and Applications* in Dresden, Germany, in 2019, and at the *Young Functional Analysts' Workshop* in Leeds, United Kingdom, in 2019. In May 2019, he visited Niushan Gao and Foivos Xanthos at Ryerson University; in May and during all of June 2019, he visited Vladimir Troitsky at the University of Alberta.

He was a teaching assistant for the Linear Analysis course in Leiden in the fall of 2019.

Since September 2020, he is a visiting researcher at Sichuan University in Chengdu, financially supported by an Erasmus+ International Credit Mobility grant for exchange between Leiden University and Sichuan University.

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