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## Algorithm design for mixed-integer black-box optimization problems with uncertainty

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### Citation

Thomaser, A. M. (2024, October 22). *Algorithm design for mixed-integer black-box optimization problems with uncertainty*. Retrieved from <https://hdl.handle.net/1887/4104741>

Version: Publisher's Version

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# Curriculum Vitae

André Thomaser was born in Munich, Germany in 1996. He received a Bachelor's degree in Mechanical Engineering in 2018 and a Master's degree in Automotive Engineering in 2020 at the Technical University of Munich (TUM). In 2021, he joined the ProMotion Program at BMW with a focus on state-of-the-art optimization algorithms for the virtual design of vehicle dynamics control systems. As a PhD student at the Leiden Institute of Advanced Computer Science (LIACS), he concentrated on the development of efficient and robust optimization algorithms, especially Evolutionary Strategies, for real-world optimization problems. His research studies were supervised by Thomas Bäck and Anna Kononova. Since 2024, André is a full-time engineer at BMW, where he continues to work on the development and application of optimization algorithms to design vehicle dynamics control systems.