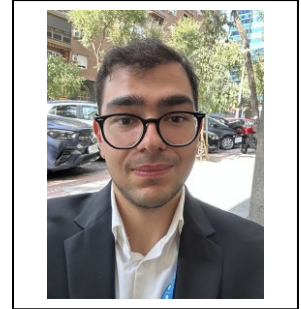


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TU Wien, Vienna, Austria



**Paper ID** : 274

**Paper Title** : Exploring Reinforcement Learning Algorithms for Current Control of Single-Phase AC/DC Full-Bridge Converters

**Bio** :

Patrick Mederitsch is a Ph.D. student at TU Wien at the Institute for Mechatronics and Power Electronics. He received his Master of Science degree from the Johannes Kepler University in Linz in Artificial Intelligence and his Bachelor of Science degree from the University of Applied Sciences in Vienna in Mechatronics/Robotics. His doctoral research focuses on using Artificial Intelligence methods in Power Electronics systems to minimize development cycles in controller design and topology creation.