



Faculty of Electrical Engineering, Automatic Control and Informatics
Department of Control Science and Engineering

DOCTORAL THESIS

**Control zeros for multivariable linear
time-invariant fractional-order systems
defined in the discrete-time state-space
framework**

Author:

Łukasz WACH, M.Sc., Eng.

Supervisor:

Wojciech HUNEK, Ph.D., Eng.,

Associate Professor

*The thesis submitted in the fulfillment of the requirements for the degree of
Doctor of Philosophy in the Automatic Control and Robotics*

March, 2022