



**Ivan Franko National
University of Lviv**



University of L'Aquila

**Double-Degree Master's Programme - InterMaths
Applied and Interdisciplinary Mathematics**

**Master of Science
Applied Mathematics**

**IVAN FRANKO NATIONAL UNIVERSITY OF LVIV
(IFNUL)**

**Master of Science
Mathematical Engineering**

UNIVERSITY OF L'AQUILA (UAQ)

Master's Thesis

Adversarial attacks on object detection systems

Supervisor

Yuriy Muzychuk

Candidate

Bohdan Buhrii

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Academic Year 2022/2023