DTU Wind and Energy Systems

Data-driven surrogates for wind farm control

Marc Clausen

DTU Wind and Energy Systems Bachelor B-0036

December 2022

Authors:
Marc Clausen

Title:
Data-driven surrogates for wind farms control

DTU Wind and Energy Systems-B-0036
December 2022

Project period:
September - December 2022

ECTS: 15

Education: Bachelor of Science

Supervisors:
Søren Juhl Andersen
Tuhfe Göcmen
DTU Wind & Energy Systems

Remarks:
This report is submitted as partial fulfillment of the requirements for graduation in the above education at the Technical University of Denmark.

DTU Wind and Energy Systems is a department of the Technical University of Denmark with a unique integration of research, education, innovation and public/private sector consulting in the field of wind and energy. Our activities develop new opportunities and technology for the global and Danish exploitation of wind energy. Research focuses on key technical-scientific fields, which are central for the development, innovation and use of wind and energy and provides the basis for advanced education.

Technical University of Denmark
Department of Wind & Energy Systems
Frederiksborgvej 399
DK-4000 Roskilde
www.vindenergi.dtu.dk