



The  
University  
Of  
Sheffield.

Department  
Of  
Mechanical  
Engineering

MEng Mechanical Engineering

# **Identifying Dynamic Systems with Probabilistic Numerics**

Harvey WALTON

May 2024

Supervisor: Dr. Timothy J. Rogers

Thesis submitted to the University of Sheffield in partial  
fulfilment of the requirements for the degree of Master of  
Engineering

Word count: 7946