



NTNU  
Norwegian University of  
Science and Technology  
Faculty of Information Technology  
and Electrical Engineering  
Department of Engineering Cybernetics

Olav Hagen Dahlen

2018

Master's thesis

Master's thesis

Olav Hagen Dahlen

# Gate controlling MPCs as Part of a cascaded MPC Structure, used for harmonic Mitigation in a Ship Power System

June 2018