

PHASE-AVERAGED STEREO-PIV FLOW FIELD AND  
FORCE/MOMENT/MOTION MEASUREMENTS FOR SURFACE COMBATANT IN  
PMM MANEUVERS

by  
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A thesis submitted in partial fulfillment  
of the requirements for the Doctor of  
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The University of Iowa

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CERTIFICATE OF APPROVAL

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PH.D. THESIS

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This is to certify that the Ph.D. thesis of

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