Bicycle dynamics: modelling and experimental validation

By

Dale Lukas Peterson B.S. (University of California Santa Barbara) 2004 M.S. (University of California Davis) 2007

DISSERTATION

Submitted in partial satisfaction of the requirements for the degree of

DOCTOR OF PHILOSOPHY

in

Mechanical Engineering

in the

OFFICE OF GRADUATE STUDIES

of the

University of California

Davis

Approved:

Mont Hubbard, Chair

Ronald A. Hess

Fidelis O. Eke

Committee in Charge

2013