High Pressure Ignition Chemistry of Alternative Fuels Bryan William WeberPh.D. University of Connecticut, 2014

Abstract

High Pressure Ignition Chemistry of Alternative Fuels

Bryan William Weber

B.S., Case Western Reserve University, 2009M.S., University of Connecticut, 2010

A Dissertation

Submitted in Partial Fulfillment of the

Requirements for the Degree of Doctor of Philosophy

at the

University of Connecticut

Copyright 2014 Bryan William Weber



This work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.

http://creativecommons.org/licenses/by-nc-nd/4.0/deed.en_US

APPROVAL PAGE

Doctor of Philosophy Dissertation High Pressure Ignition Chemistry of Alternative Fuels

Presented by Bryan William Weber, B.S., M.S.

Major Advisor		
	Chih-Jen Sung	
Associate Advisor		
	Baki Cetegen	
Associate Advisor		
	Michael Renfro	

University of Connecticut 2014

Acknowledgements

So long, and thanks for all the fish.

Contents

Acknowledgements	ii
1 Introduction	1

Chapter 1

Introduction

This is the start of the introduction.