## **CONTENTS**

Preface		vii
Chapter 1	Palm Oil for Food or Biodiesel, a Disjunction in Tropical Countries Carlos Ariel Cardona Alzate, Juan Camilo Solarte Toro, Johnny Alexander Tamayo, Agustín Castro Montoya and Blanca Angélica García	1
Chapter 2	Improvement of Palm Oil Production for Food Industry through Biorefinery Concept Carlos Ariel Cardona Alzate, Valentina Aristizábal Marulanda and Juan Camilo Solarte Toro	37
Chapter 3	Analysis and Comparison of the Residence Time Distributions (RTDs) of a Continuous Stirred-Tank Reactor (CSTR), a Plug Flow Reactor (PFR) and a Tubular Plug Flow Reactor (TPFR) Rochelle Fourie, Mbuyu G Ntunka and Amir H Mohammadi	73
Chapter 4	Cyclopentadienes and Cyclopentadienyl Complexes with Per- and Polyfluoroalkyl Substituents  Jan Čermák, Lucie Červenková Šťastná  and Tomáš Strašák	87

Chapter 5	Cyclization Reactions Promoted by Perfluoroalkyl Radical Additions  Hideto Miyabe	123
Chapter 6	Revision of the Nature of Gravitation and the Nature of the Chemical Bond A. Zubow, K. Zubow and V.A. Zubow	141
Chapter 7	Analysis of the Operation of Fluidized Beds under Gas and Liquid Fluid Flow Conditions  Dube Sibusiso, Mbuyu G Ntunka and  Amir H. Mohammadi	165
Index		185