Chapter 1:
Title: Durability Status and Targets of PEFC Engines
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Chapter 2:
Title: Membrane Durability: Physical and Chemical Degradation
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Chapter 3:
Title: Electrochemical Degradation: Electrocatalyst and Support Durability
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Chapter 4:
Title: BiPolar Plate Degradation
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Chapter 5:
Title: Review of Freeze-Related Degradation in Polymer Electrolyte Fuel Cells
Authors and Affiliation: A. K. Srouji and M. M. Mench (University of Tennessee, Knoxville)

Chapter 6:
Title: Experimental Diagnostics and Durability Testing Protocols
Authors and Affiliation: Rob Darling (United Technologies Research Center), Ryan Balliet (Assistant Specialist at U.C. Berkeley Chemical Engineering), Mike Perry (United Technologies Research Center)

Chapter 7:
Title: Advanced High Resolution Imaging Techniques for Diagnosis
Authors and Affiliation: Dr. Feng-Yuan Zhang, Prof. Suresh G. Advani, and Prof. Ajay K. Prasad.
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Chapter 8:
Title: Computational Modeling Aspects of PEFC Durability
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