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Nota di contenuto	Front Cover -- Adaptive Engineering -- Copyright Page -- Dedication -- Contents -- List of contributors -- Preface -- Acknowledgments -- 1 Engineer to adapt -- 1.1 Adapt and thrive -- 1.2 Closed-cycle engineering -- 1.3 Tomorrow's tall buildings and harmonious architectures -- 1.4 Green hydrogen -- 1.5 Wells and Gorlov helical turbines -- 1.6 Adaptive heating, ventilation, and air conditioning -- 1.7 Hydrochar and biochar -- 1.8 Climate-neutral Europe and Earth -- 1.9 Concluding remarks -- References -- 2 Hybrid strategies for the treatment of latex-like wastewater from industries -- 2.1 Introduction -- 2.1.1 Latex -- 2.1.2 Typical techniques used for latex wastewater treatment -- 2.1.3 Advanced oxidation processes -- 2.2 Photo-Fenton oxidation process -- 2.2.1 Fenton's reagent -- 2.3 Sonolysis -- 2.3.1 Ultrasonication -- 2.4 Ultrasonication-Fenton process -- 2.5 Summary of notable literature
Sommario/riassunto	Adaptive Engineering: A Sustainable Development Endeavor is an edited volume focusing on the intersection of engineering innovations and sustainable development. Edited by David S-K. Ting and Jacqueline A. Stagner, the book highlights various adaptive engineering strategies and technologies that contribute to sustainable practices. It covers topics such as closed-cycle engineering, green hydrogen, adaptive HVAC systems, and biofriendly architecture. The book aims to provide

insights into engineering solutions that are designed to adapt to changing environmental conditions, promoting resilience and sustainability. The intended audience includes engineers, researchers, and practitioners interested in sustainable development and innovative engineering practices.
