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Paper Title: Adaptive Control and DC-Link Regulation of Grid-Connected PV–PEMFC Systems Using Dual-Layer MPPT Architecture

Bio:

Abdullah Memon is a Graduate Student (MS) in the Systems and Control Engineering program at King Fahd University of Petroleum and Minerals (KFUPM), Dhahran, Saudi Arabia. He received his Bachelor of Engineering degree in Electronics Engineering from Mehran University of Engineering and Technology (MUET), Jamshoro, Sindh, Pakistan. His master's research focuses on Battery Management System, including state estimation, charging and discharging optimization, and cell balancing.

His primary research interests include Electric Vehicles (EVs), control algorithms, machine learning, deep learning, Embedded Systems, and IoT. He has research papers related to LLC Resonant converter for EVs, Data-Driven Identification of a DC motor, and Autonomous Farming Robot based on an Embedded System and IOT.