

Paper Title: **Harnessing Adaptive Sparsity: Data-Driven Control for Solar PV Generation**

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Bio: Zhongtian Zhang currently serves as a PhD student within the electrical and computer engineering department at Lehigh University. Having commenced his journey at Lehigh in 2019, he successfully obtained his M.S. degree before transitioning into his PhD program in 2022. His research primarily revolves around dynamic modeling and control of grid-connected distributed energy resources (DERs), real-time simulation of microgrid dynamics, and the application of sparse identification techniques in nonlinear dynamics (SINDy).

