

Stanford



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Bio

BIO

I am a Staff Scientist with SLAC National Accelerator Laboratory, in the Grid Integration Systems and Mobility (GISMo) Lab in the Applied Energy Division. I completed my PhD in Electrical Engineering at Stanford University in Winter 2023, advised by Prof. Stephen Boyd. We recently wrote a book on signal decomposition, which can be found under my publications tab. More info available on my personal website.

LINKS

- <https://bmeyers.github.io/about/>: <https://bmeyers.github.io/about/>

Publications

PUBLICATIONS

- **Perspective: Performance Loss Rate in Photovoltaic Systems** *SOLAR RRL*
Deceglie, M. G., Anderson, K., Fregosi, D., Hobbs, W. B., Mikofski, M. A., Theristis, M., Meyers, B. E.
2023
- **Signal Decomposition Using Masked Proximal Operators** *FOUNDATIONS AND TRENDS IN SIGNAL PROCESSING*
Meyers, B. E., Boyd, S. P.
2023; 17 (1): 1-78
- **Signal Processing on PV Time-Series Data: Robust Degradation Analysis Without Physical Models** *IEEE JOURNAL OF PHOTOVOLTAICS*
Meyers, B., Deceglie, M., Deline, C., Jordan, D.
2020; 10 (2): 546-553
- **Accurate Modeling of Partially Shaded PV Arrays**
Meyers, B., Mikofski, M., IEEE
IEEE.2017: 3354-3359