References

- [1] Robert Baraldi, Rajiv Kumar, and Aleksandr Aravkin. Basis pursuit denoise with nonsmooth constraints. *IEEE Transactions on Signal Processing*, 67(22):5811–5823, 2019.
- [2] Robert Baraldi, Carl Ulberg, Rajiv Kumar, Kenneth Creager, and Aleksandr Aravkin. Relaxation algorithms for matrix completion, with applications to seismic travel-time data interpolation. *Inverse Problems*, 35(10):105009, sep 2019.
- [3] Harvey Thomas Banks, Robert Baraldi, Jared Catenacci, and Nicholas Myers. Parameter estimation using unidentified individual data in individual based models. *Mathematical Modeling of Natural Phenomena*, 11(6):103–121, 2016.
- [4] Harvey Thomas Banks, Robert Baraldi, Kevin Flores, and Michael Stemkovski. Validation of a mathematical model for green algae (raphidocelis subcapitata) growth and implications for a coupled dynamical system with daphnia magna. *Applied Sciences*, 6(5):155, 2016.
- [5] Kaska Adoteye, Harvey Thomas Banks, Robert Baraldi, John Nardini, and W Clay Thompson. Correlation of parameter estimators for models admitting multiple parametrizations. *International Journal of Pure and Applied Mathematics*, 105(3):497–522, 2015.
- [6] Harvey Thomas Banks, Robert Baraldi, and Kevin Flores. Optimal design for minimizing uncertainty in dynamic equilibrium systems. Eurasian Journal of Mathematical and Computer Applications, 3:20–43, 2015.
- [7] Harvey Thomas Banks, Robert Baraldi, Karissa Cross, Christina McChesney, Laura Poag, Emma Thorpe, and Kevin Flores. Uncertainty quantification in modeling hiv viral mechanics. *Mathematical Biosciences and Engineering*, 12(5):937–964, 2015.
- [8] Uncertainty quantification for a model of hiv-1 patient response to antiretroviral therapy interruptions. In *Proceedings of the 2014 American Control Conference*, pages 2753–2758, 2014.
- [9] Robert Baraldi, John Nardini, Emma Thorpe, and Harvey Thomas Banks. The effects of parameterization on inverse problems. Report CRSC-TR14-07, NC State Center for Research in Scientific Computation, Raleigh, NC, 2014.
- [10] Harvey Thomas Banks, Robert Baraldi, Karissa Cross, Christina McChesney, Laura Poag, Emma Thorpe, and Kevin Flores. Mathematical modeling of hcv viral kinetics. Report CRSC-TR13-07, NC State Center for Research in Scientific Computation, Raleigh, NC, 2013.

[11] Robert Baraldi. Systems modeling and data assimilation in drug development. SIAM Annual Life Sciences Conference, July 2016.