

## List of Publications

- [1] D.K. Agrawal, R. Marshall, V. Noireaux, and E.D. Sontag. In vitro implementation of robust gene regulation in a synthetic biomolecular integral controller. 2019. Submitted.
- [2] M. Sadeghi, M.A. Al-Radhawi, M. Margaliot, and E.D. Sontag. On the periodic gain of the ribosome flow model. Technical report, bioRxiv 2018/507988, 2018.
- [3] M. Margaliot and E.D. Sontag. Revisiting totally positive differential systems: A tutorial and new results. *Automatica*, 101:1–14, 2019.
- [4] D. Del Vecchio, Y. Qian, R.M Murray, and E.D. Sontag. Future systems and control research in synthetic biology. *Annual Reviews in Control*, 45:5–17, 2018.
- [5] E.V. Nikolaev, A. Zloza, and E.D. Sontag. Immunobiochemical reconstruction of influenza lung infection - melanoma skin cancer interactions. *Frontiers in Immunology*, 2019. To appear.
- [6] J. Huang, A. Isidori, L. Marconi, M. Mischiati, E. D. Sontag, and W. M. Wonham. Internal models in control, biology and neuroscience. In *Proc. 2018 IEEE Conf. Decision and Control*, pages 5370–5390, 2018.
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