

APMA 1930N

Outline

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1 Replicating the Paper

- Truthful replication, why it failed (Integrate and fire)
- Discussion about rates, learning parameters
- Sensitivity analysis on rate, learning parameters (r_{in} , η , ϵ)
- Intuition behind sensitivity
- Intuitive explanation
- Synchrony in this model (Find experimental paper about songbird)
- Quick analysis of binary model

2 BCM