Computational Neuroscience

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## Chapter 1

## Introduction and Basic Neurobiology

- 1.1 Computational Neuroscience
- 1.1.1 Descriptive Models
- 1.1.2 Mechanistic and Interpretive Models
- 1.2 The Electrical Personality of Neurons
- 1.3 Making Connections: Synapses
- 1.4 Time to Network: Brain Areas and Their Function