









### Intracortical Connections

- Dendrites extend 2–4 minicol. diameters
- Axons extend 5x (or even 30–40x) minicol. diameter
- Periodic spacing of axon terminal clusters causes entrainment
- $\sim 2 \times 10^7$  connections to macrocolumn

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### Neural Networks in Visual System of Frog

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(fig. from Arbib 1995, p. 1039)

### Reorganization of Cortex

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### Orientation Columns

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### Slow Potential Neuron

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