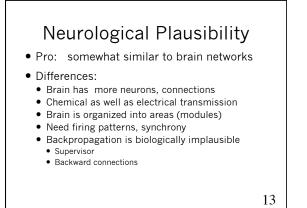


•	uage: nnecti	Rules vs. onism	
	Rules	Connectionism	
Representations	Symbolic: if-then	Simple neurons, links	
Processes	Serial inference	Parallel constraint satisfaction	
Acquisition	Much innateness	Mostly learned	12



Discussion Question

 What computational approach gives a better account of language use and learning: rules or connectionism?

• Parallel algorithms can solve problems like the brain does: pattern matching, graceful degradation.

- Parallel constraint satisfaction.
- Learning algorithms, e.g. backpropagation.

• Connectionism has many psychological

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applications, but also limitations.Connectionism is not as neurologically plausible as it at first seems.

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