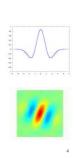


## Lateral connections: surround suppresion



Nearby neurons respond to similar features

Neuron can have suppressed response for features deviant from maximum preference



## Classes of representation

Local representation

region

- Neural level: "grandmother" cell"Region" level: face region, place
- Fully distributed representation
- Every neuron/region plays a part
- Sparsely-distributed representation
- Neural level: hyper-column for perceptual feature
- "Region" level: face network



