

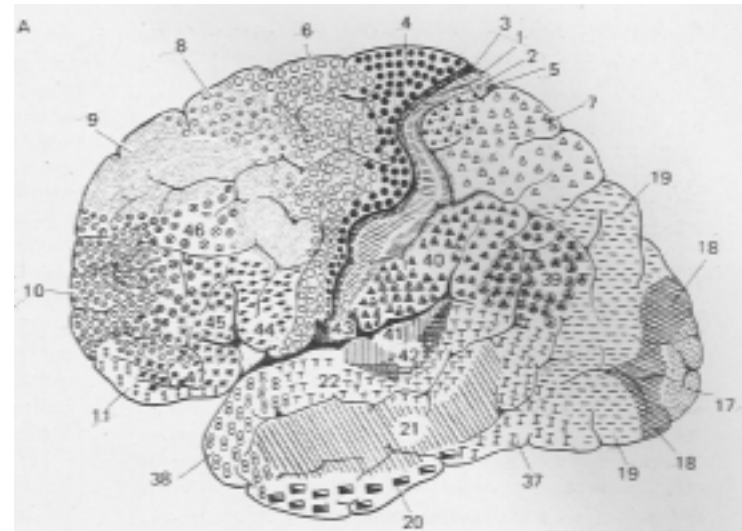
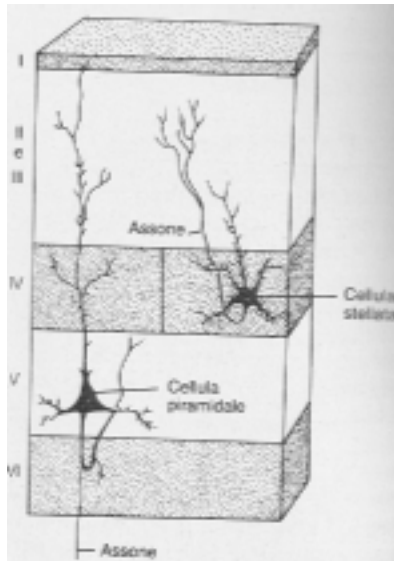
Modelli corticali

Top-down



Corteccia cerebrale

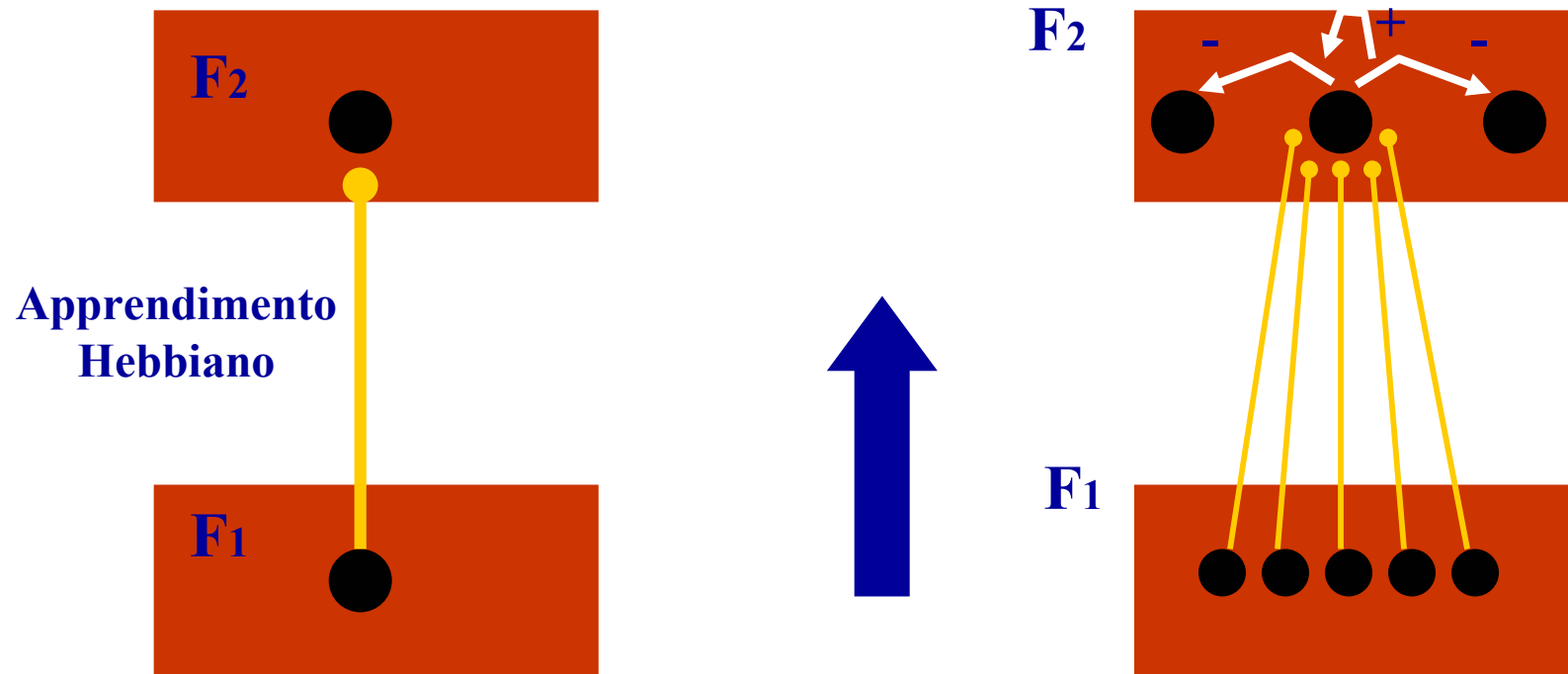
Organizzazione corticale



**Perché questa
organizzazione laminare?
Qual è lo scopo evolutivo?**

Apprendimento fra due aree corticali

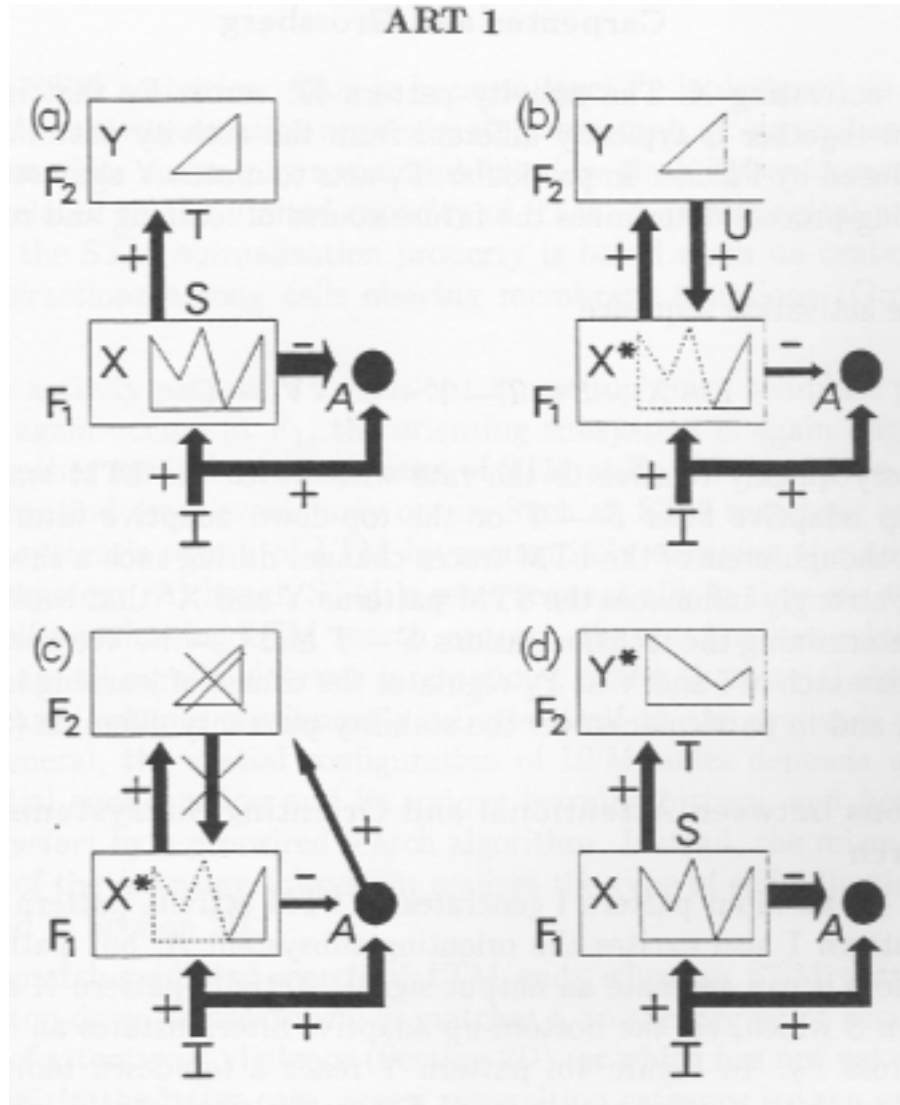
Area 1  Area 2



Problemi:

- tante combinazioni di input possono causare lo stesso output
- **Stability-plasticity dilemma:** nuovi eventi possono “spazzare via” quanto appreso dal sistema.

Adaptive Resonance Theory



Match

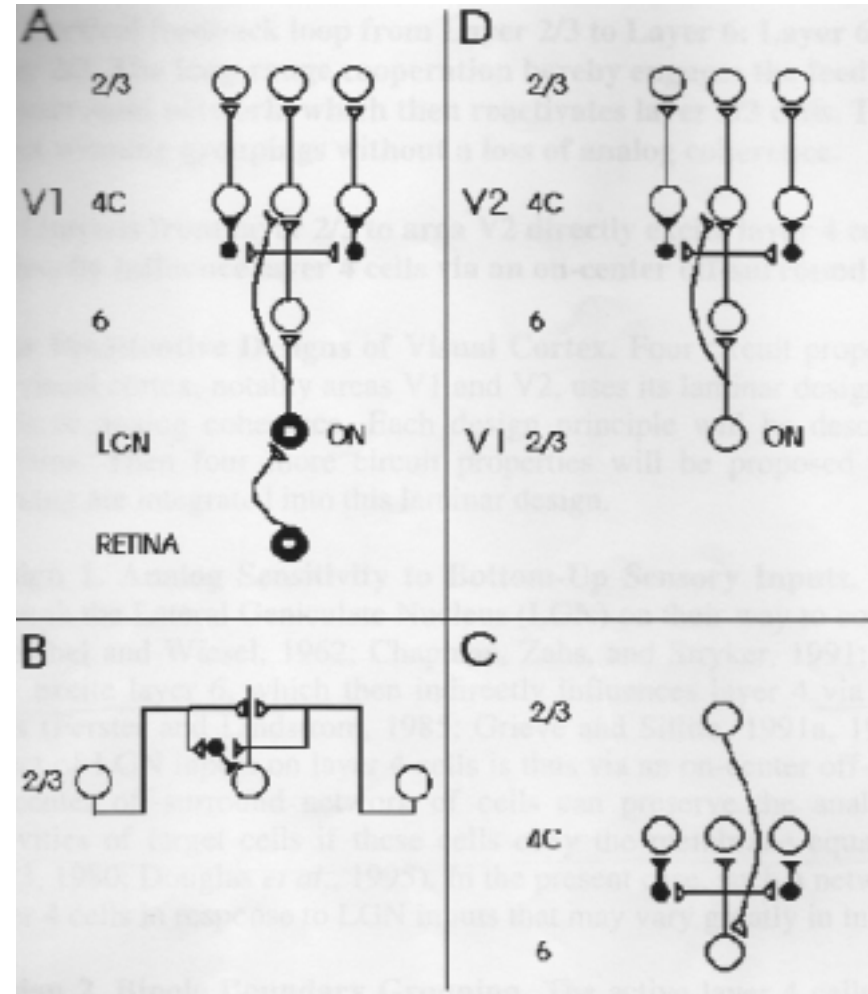
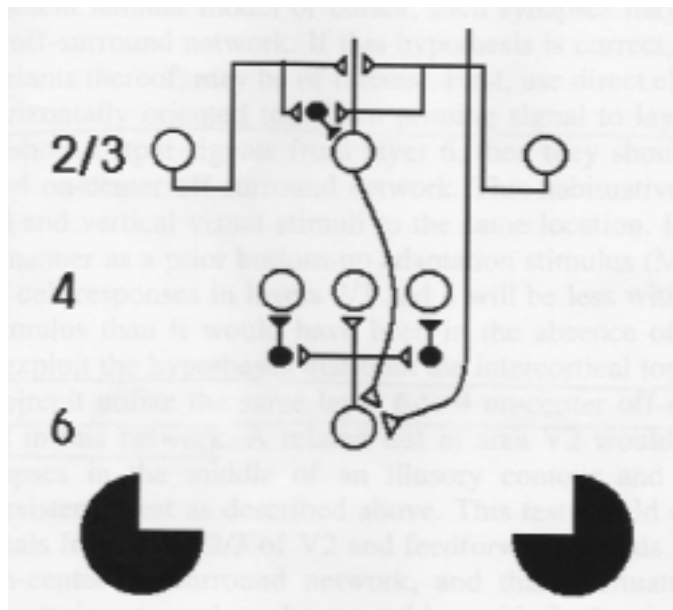
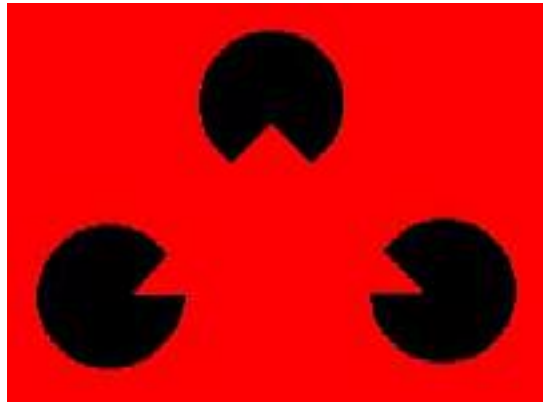
Area2

Area1

Non Match

**Memorizzazione
Su nodi non utilizzati**

Illusory contours



Modello: overview

