Dimensionality reduction (high-level abstraction)



Reward is enough

Attention

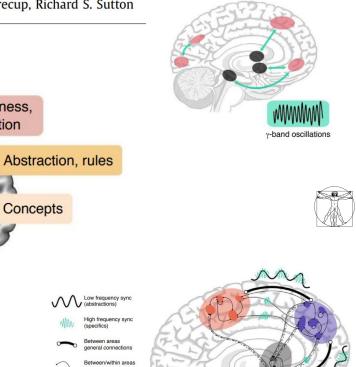
Memory

RL

David Silver*, Satinder Singh, Doina Precup, Richard S. Sutton

Consciousness, metacognition

Feature selection (low-level abstraction)



α-, β-band oscillations Concepts Abstraction, rules Consciousness, netacognition RL / dopamine

Image credits: The neural and cognitive architecture for learning from a small sample (2019)



Fine spatial resolution (specifics)

Concepts