

## **Teilkapitel „Sensation/Perception“ (Lehrbuch, S. 159-200): relevante Begriffe/Konzepte)**

- Sensation vs. perception
- Sensation:
  - Transduction in sensory receptors
  - Absolute threshold
  - Difference threshold, and Weber's law
  - Sensory adaptation
  - Temporal vs. place coding of auditory stimuli
  - Receptive fields of retinal cells
  - Lateral inhibition in visual processing
- Perception
  - Tonotopic, somatotopic and retinotopic organization in A1, S1 and V1
  - Visual primitives, Hubel and Wiesel's findings
  - The constructive nature of perception: visual filling-in
  - The Gestalt principles
  - Bottom-up vs. top-down processing
  - Binocular depth cues, monocular depth cues, motion cues