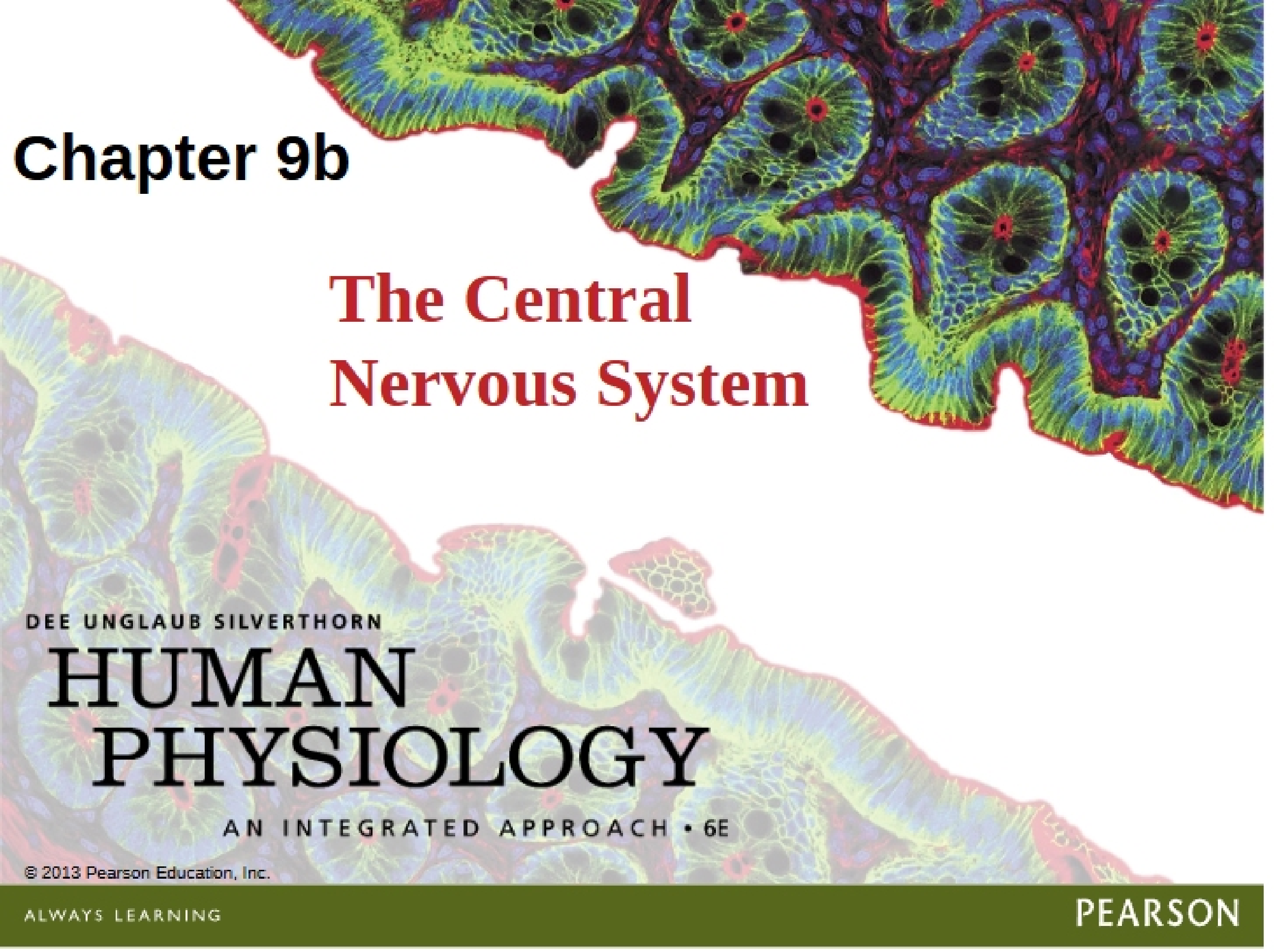




Chapter 9b

The Central Nervous System

DEE UNGLAUB SILVERTHORN

HUMAN PHYSIOLOGY

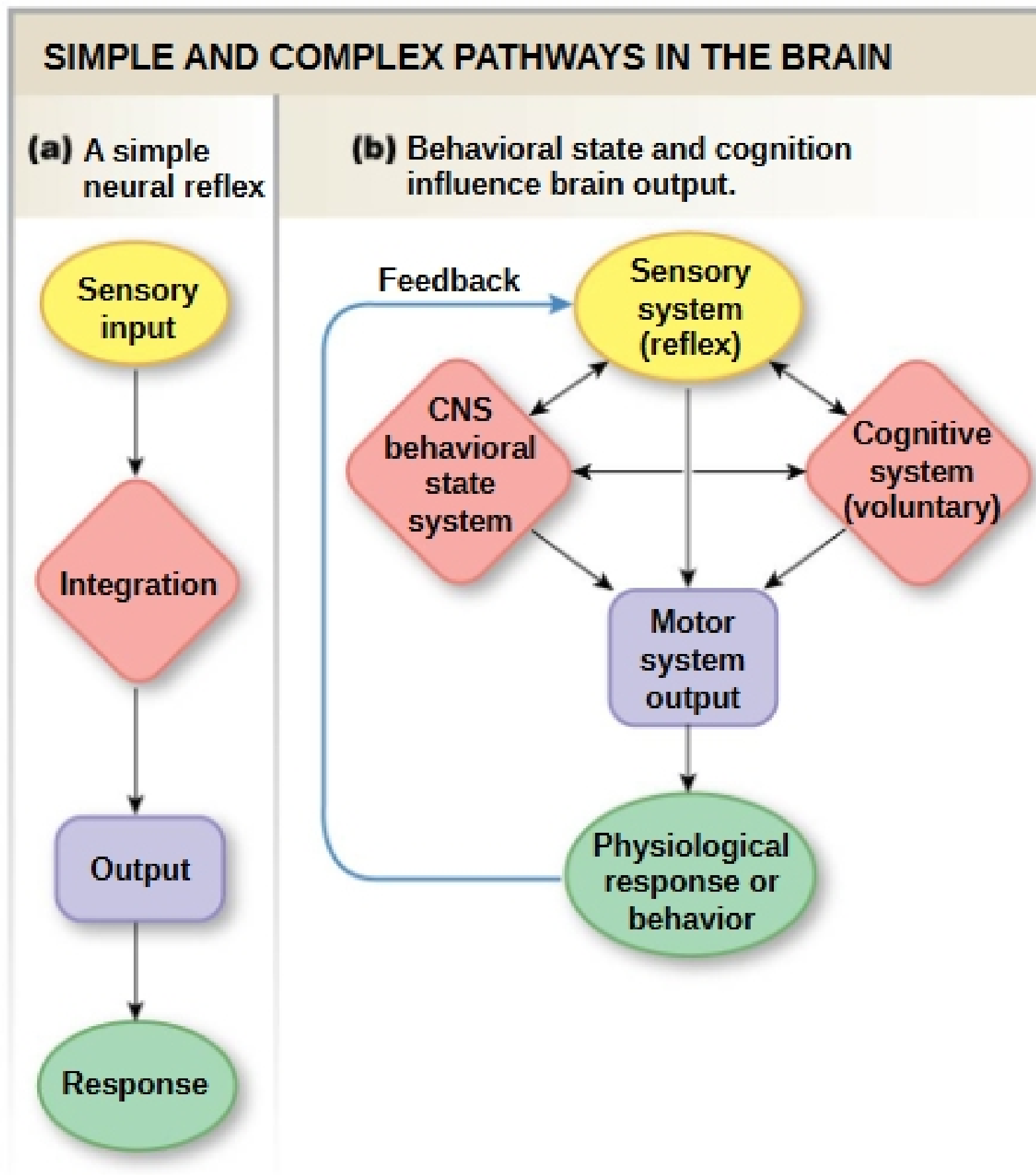
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PEARSON

Figure 9.12



Brain Function: Cerebral Cortex

- From a functional viewpoint, it can be divided into three specializations
 - Sensory areas
 - Sensory input translated into perception (awareness)
 - Motor areas
 - Direct skeletal muscle movement
 - Association areas
 - Integrate information from sensory and motor areas
 - Can direct voluntary behaviors