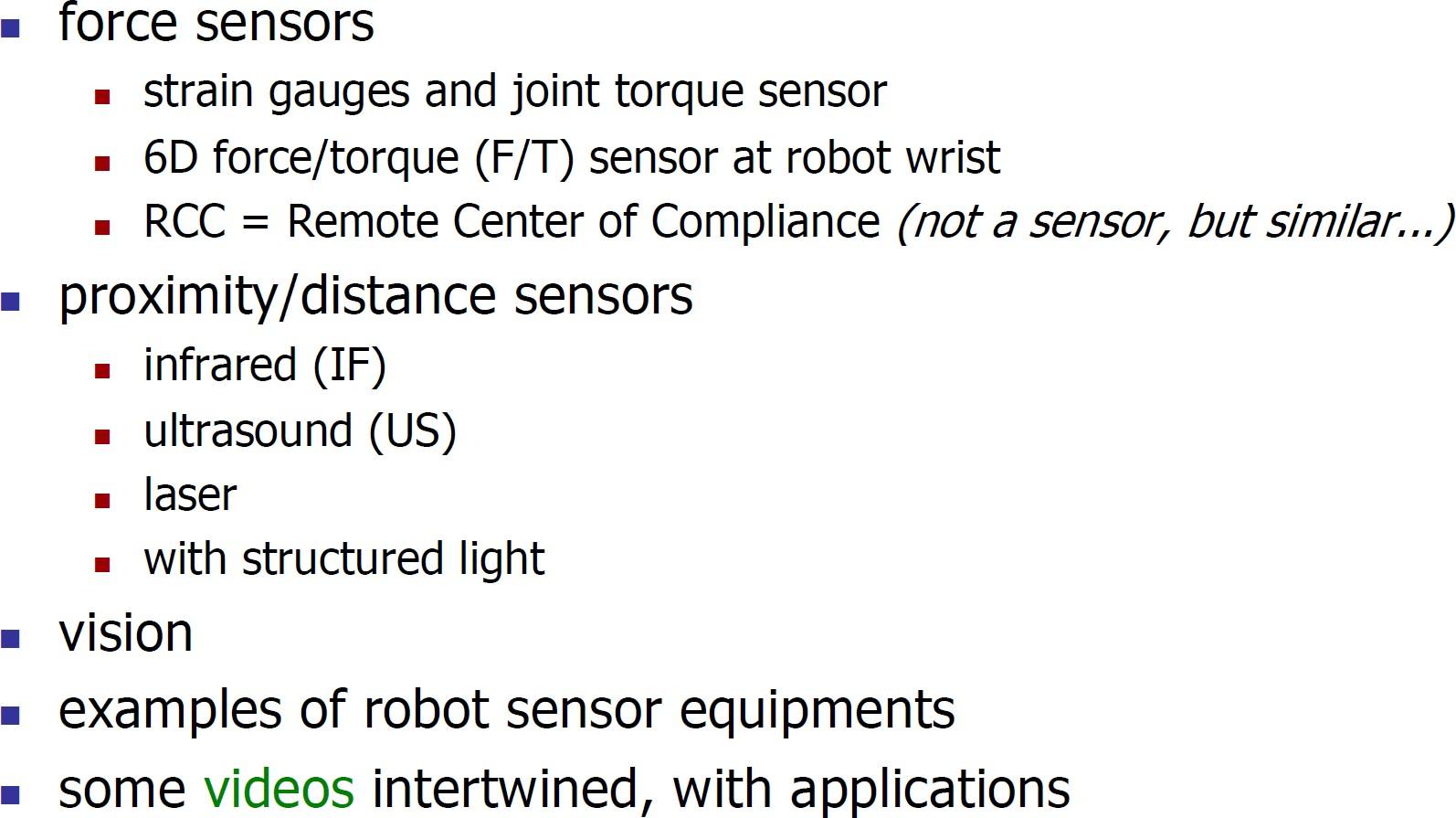


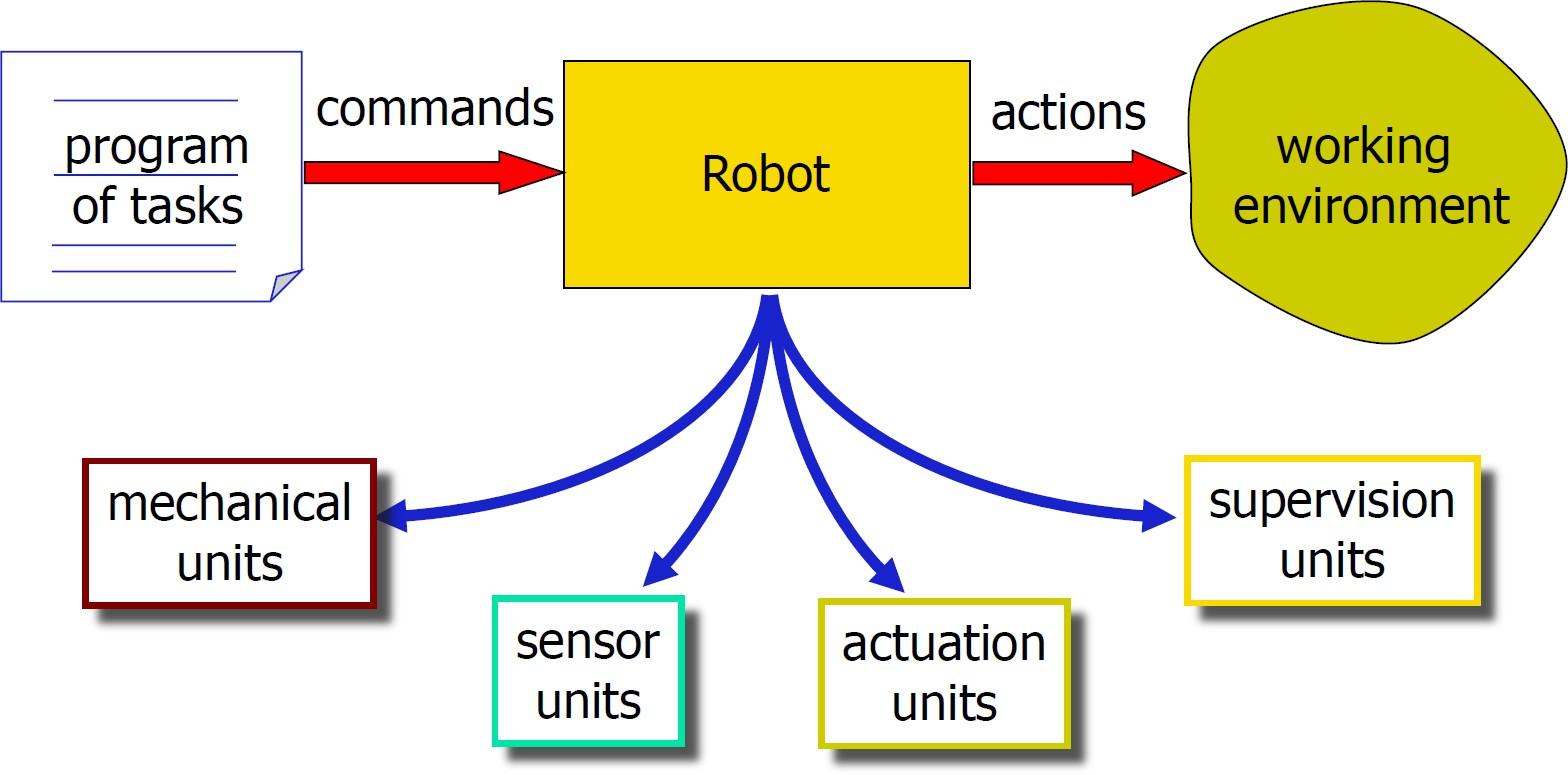
**CSE444: Introduction to Robotics**

**Lesson 5a: Working with Sensors**

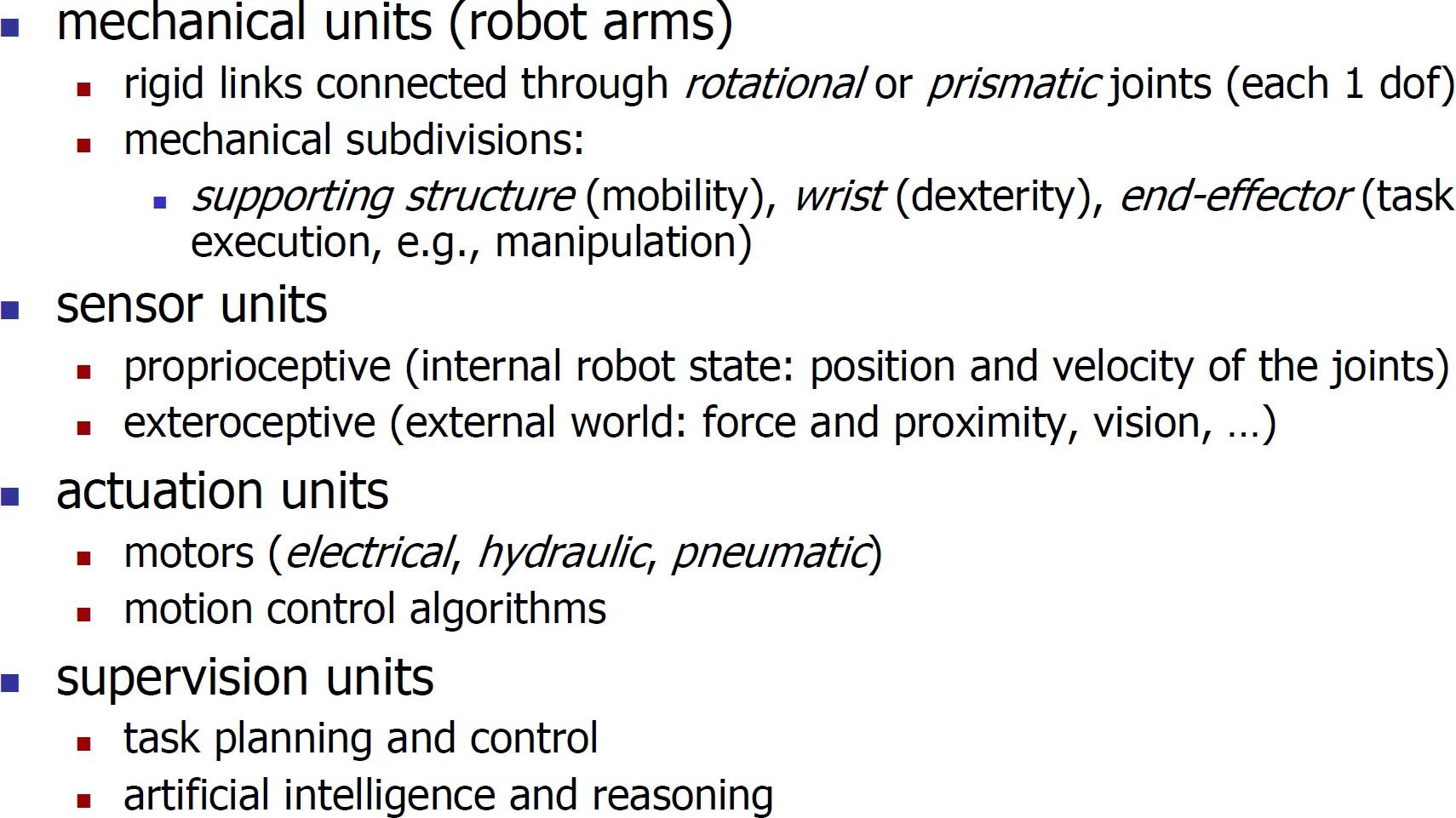
ALL Follows Summer 2019



**Robot as a System**



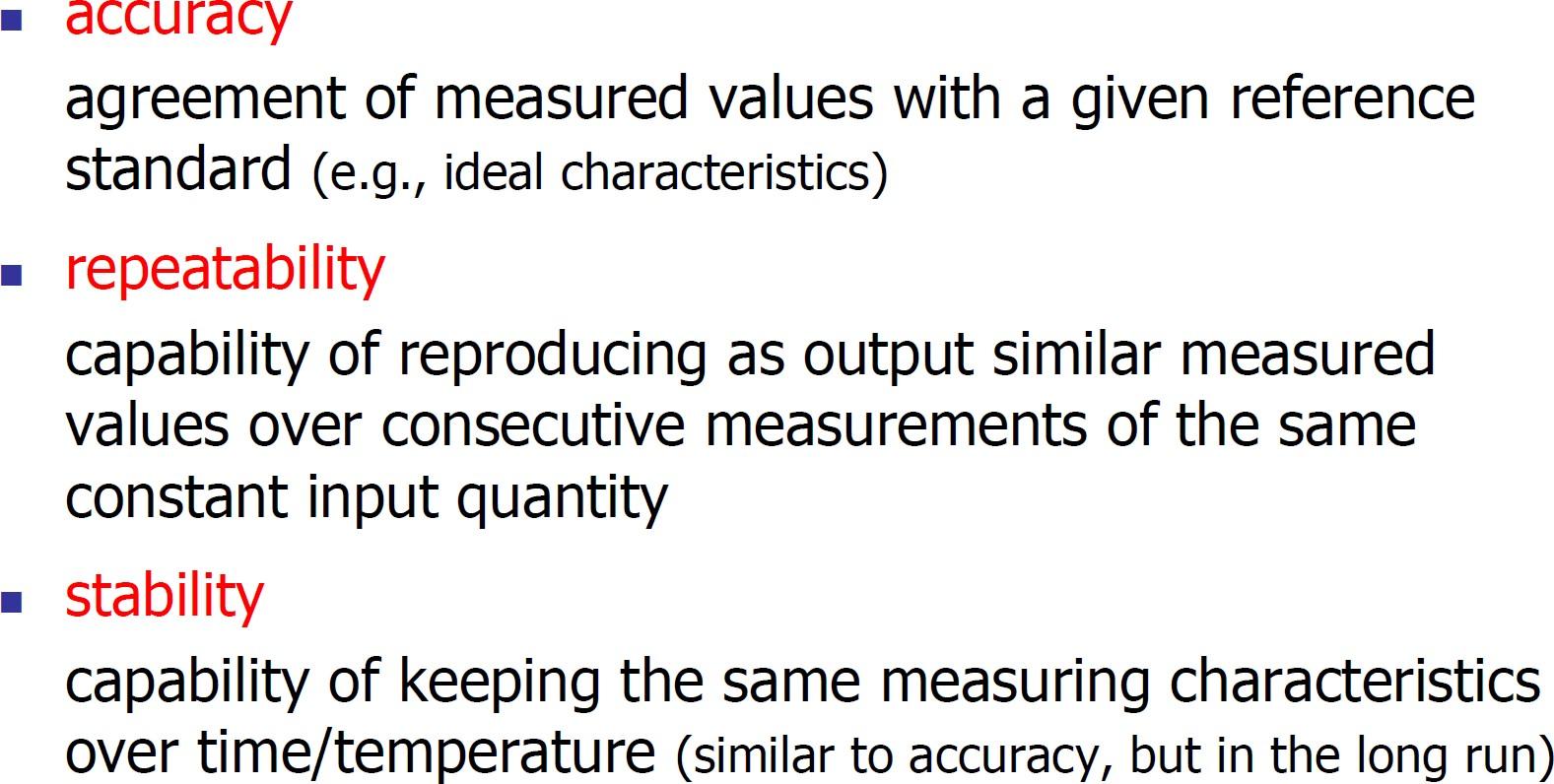
**Functional Unit of a Robot**

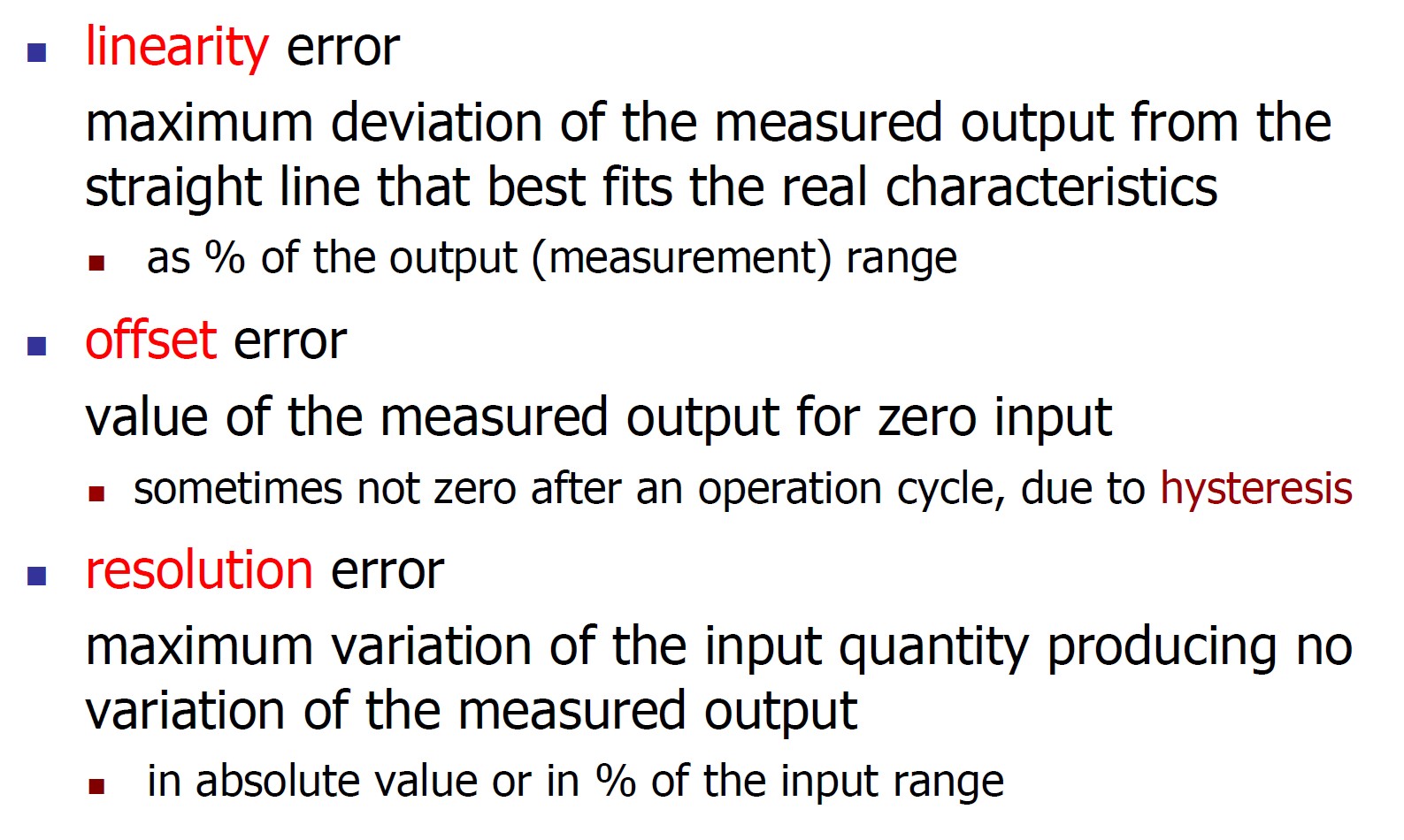
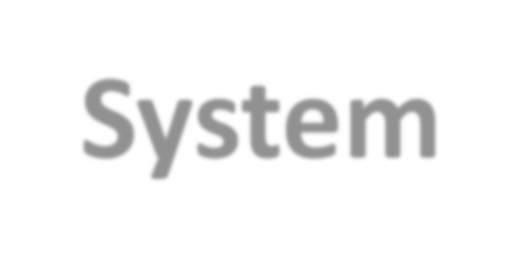
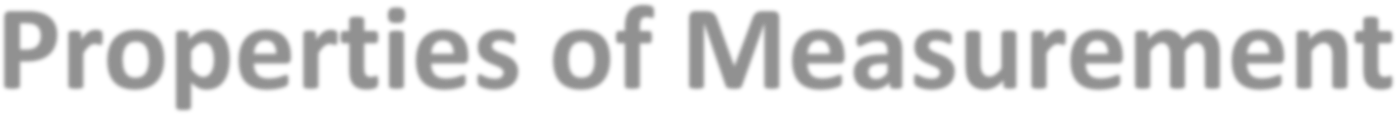
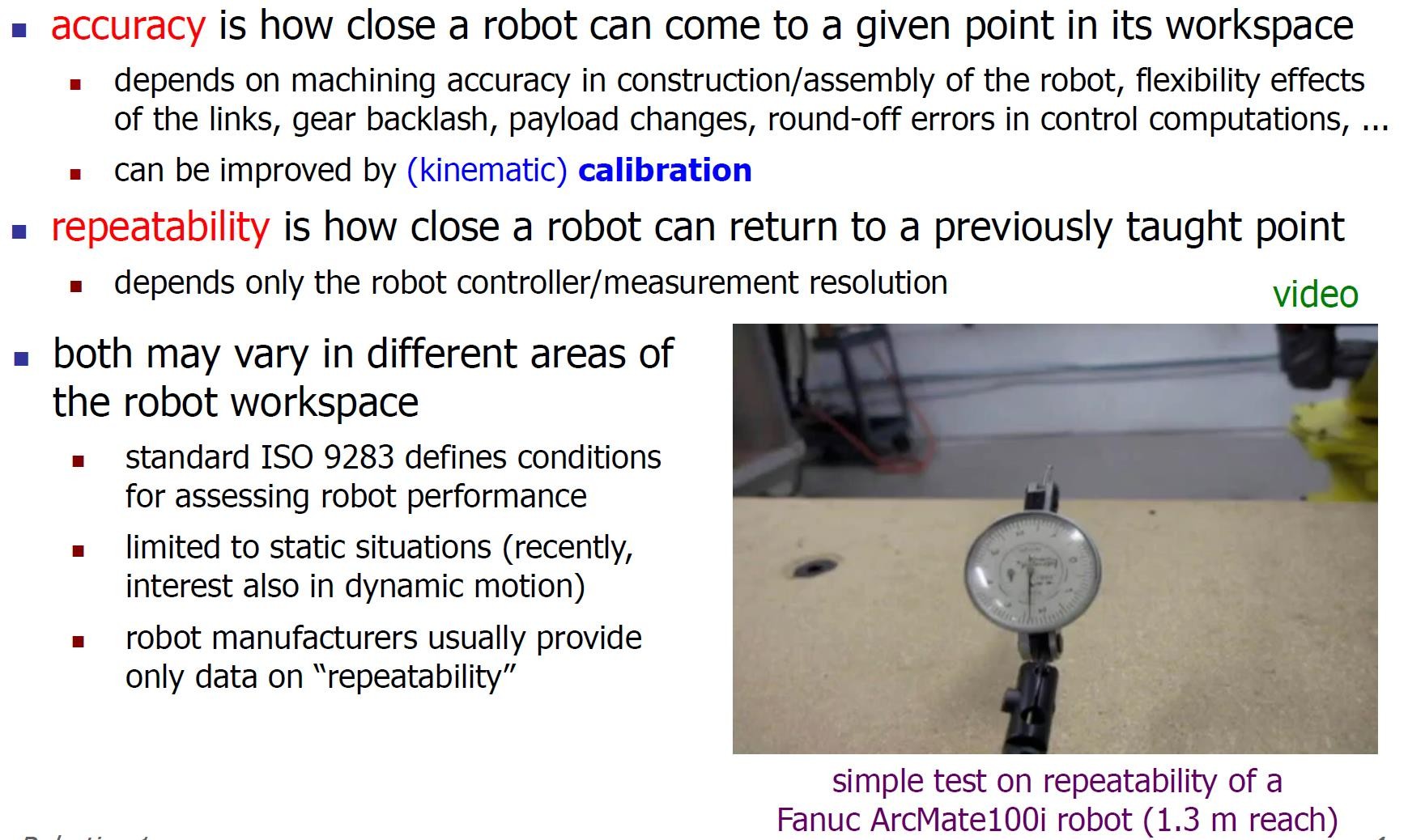
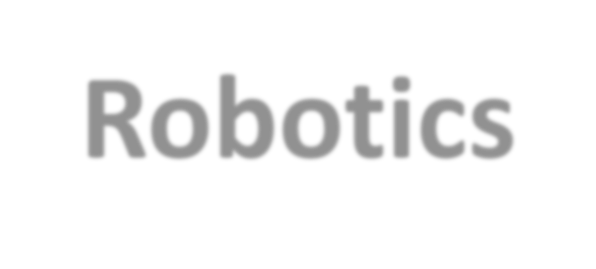
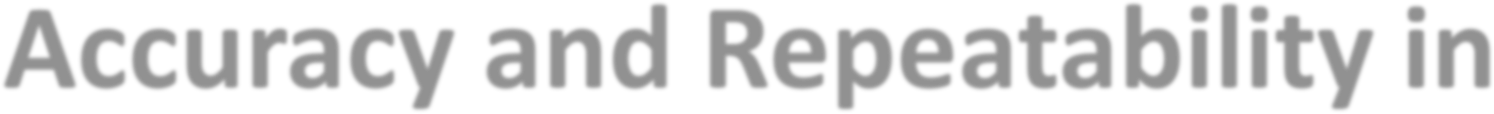


**Actuation Systems**

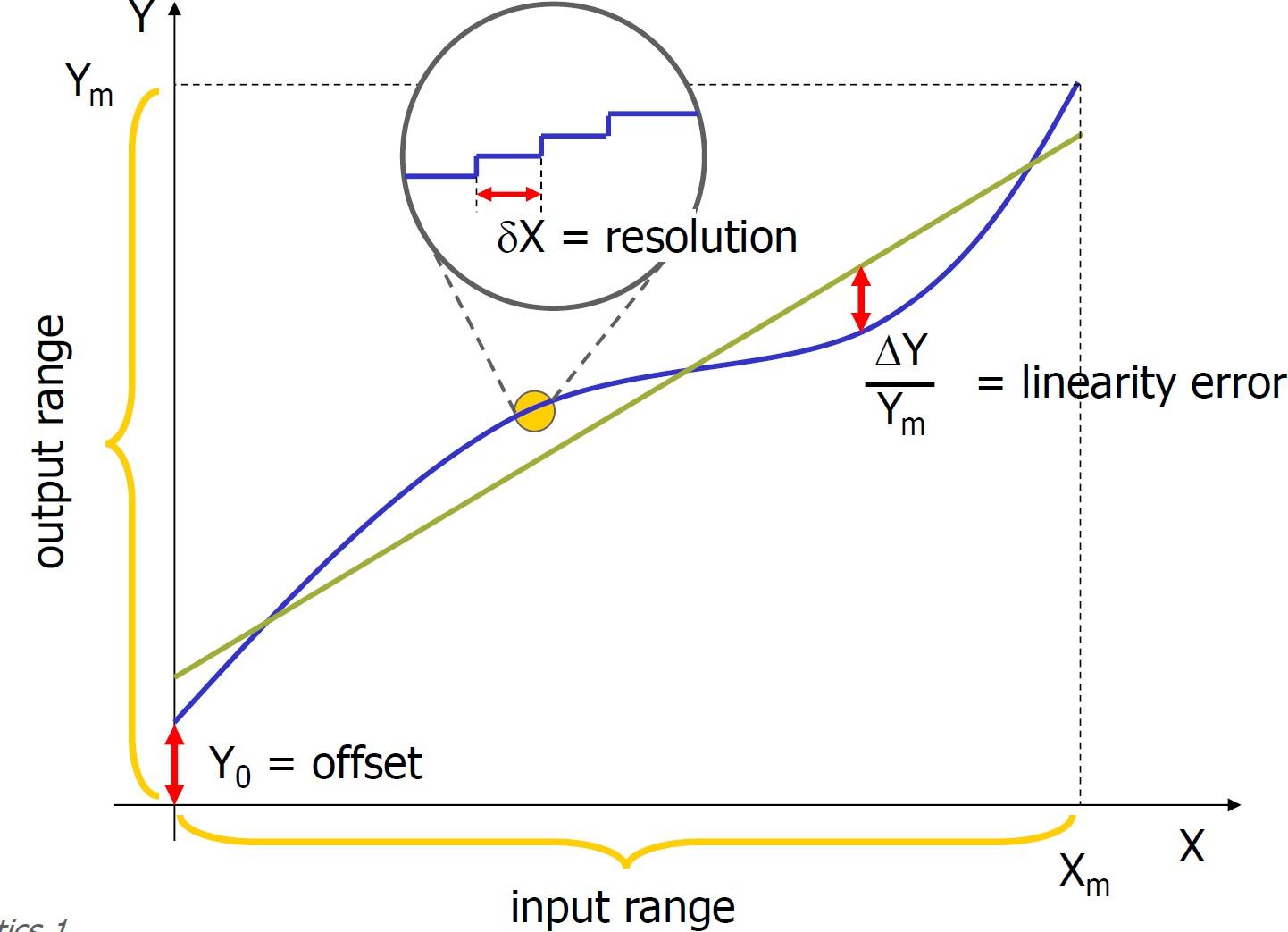
**Properties of Measurement**

**System**

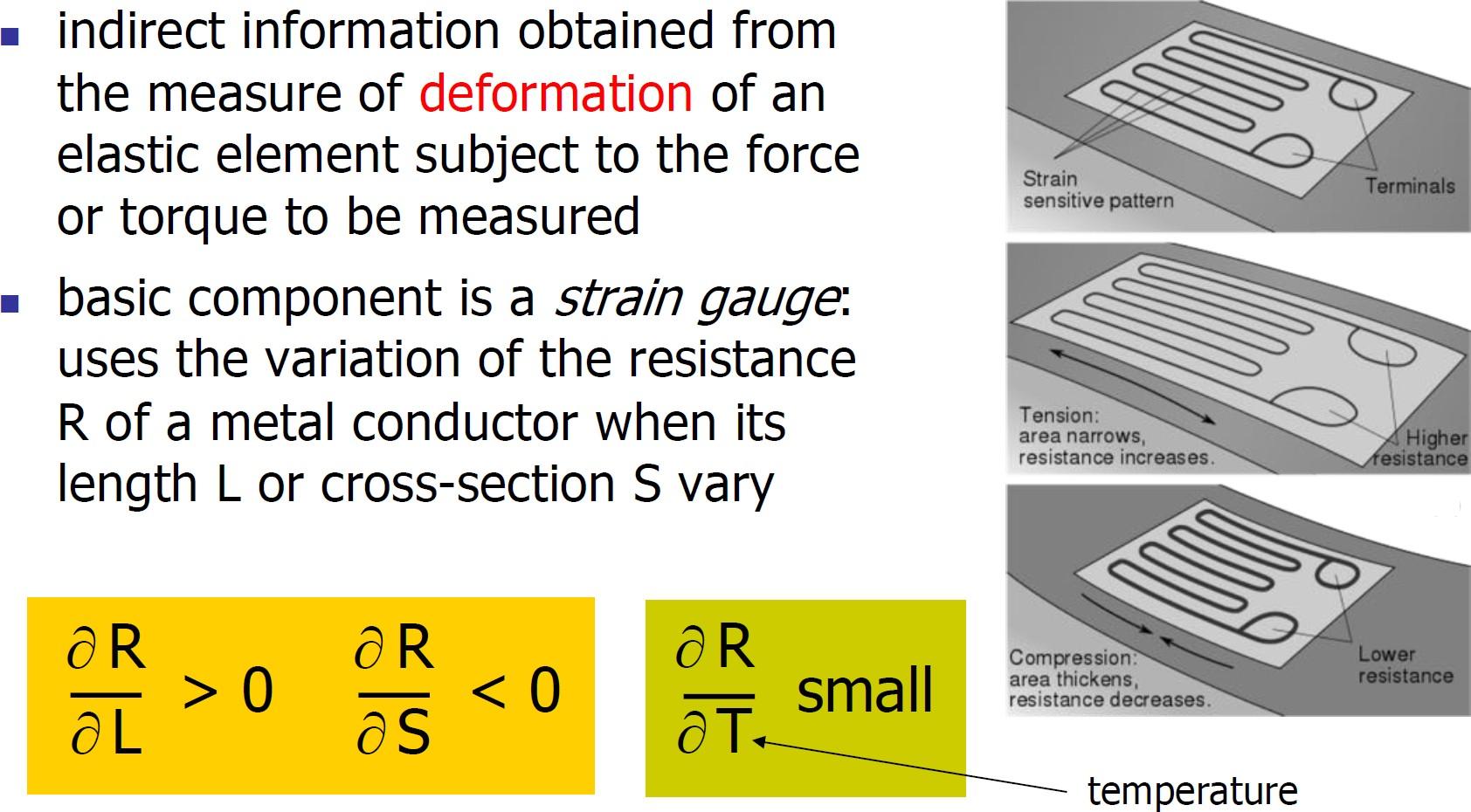


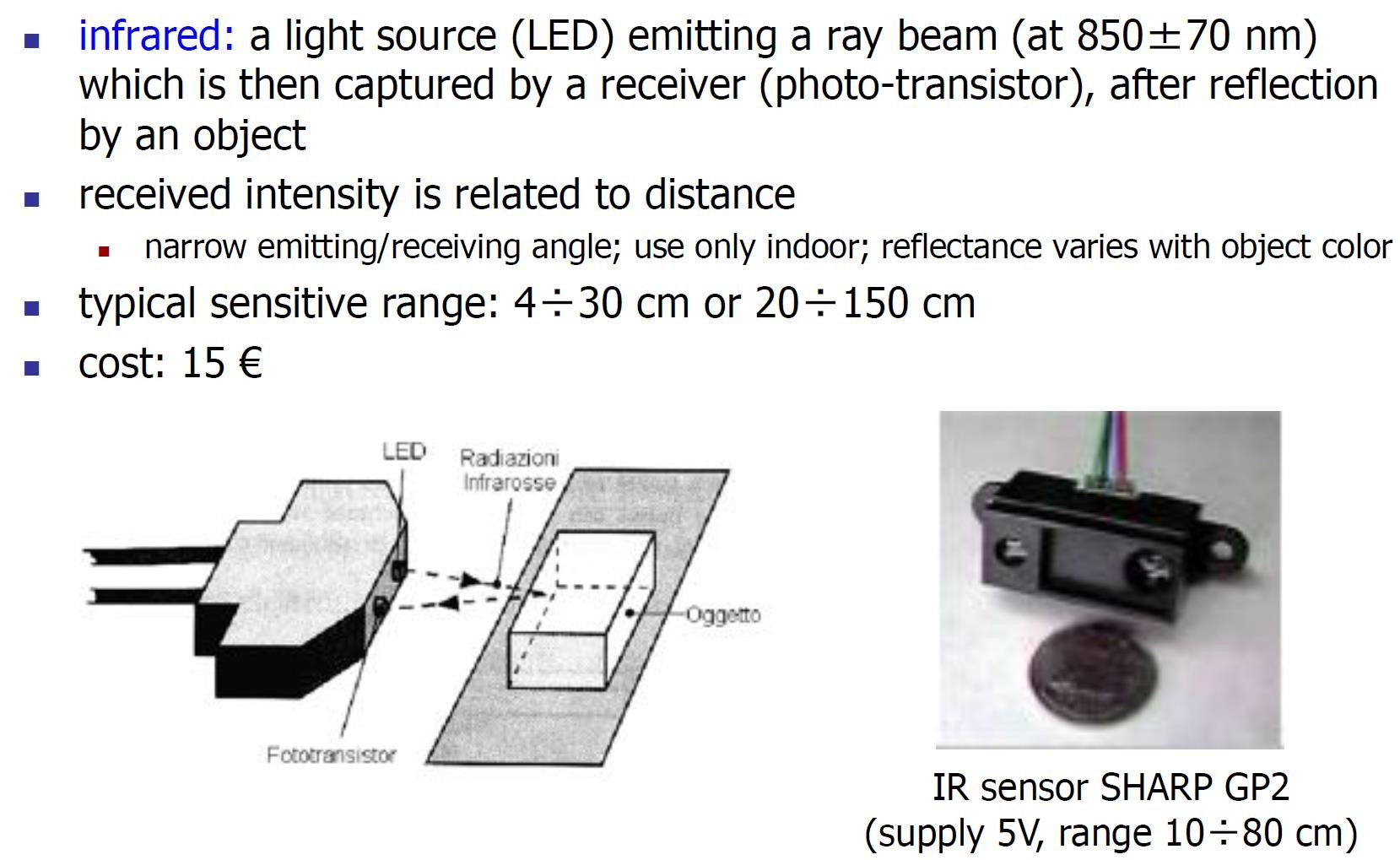
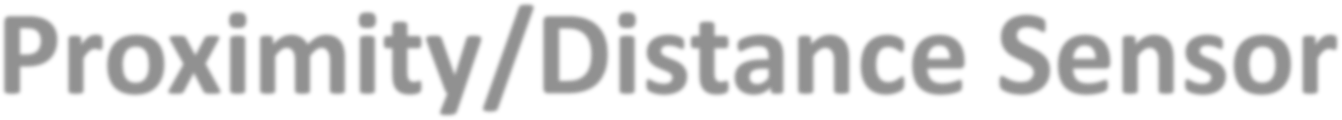


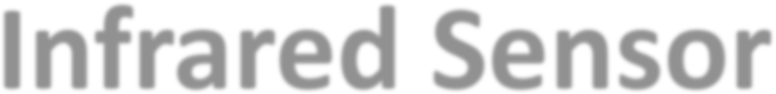


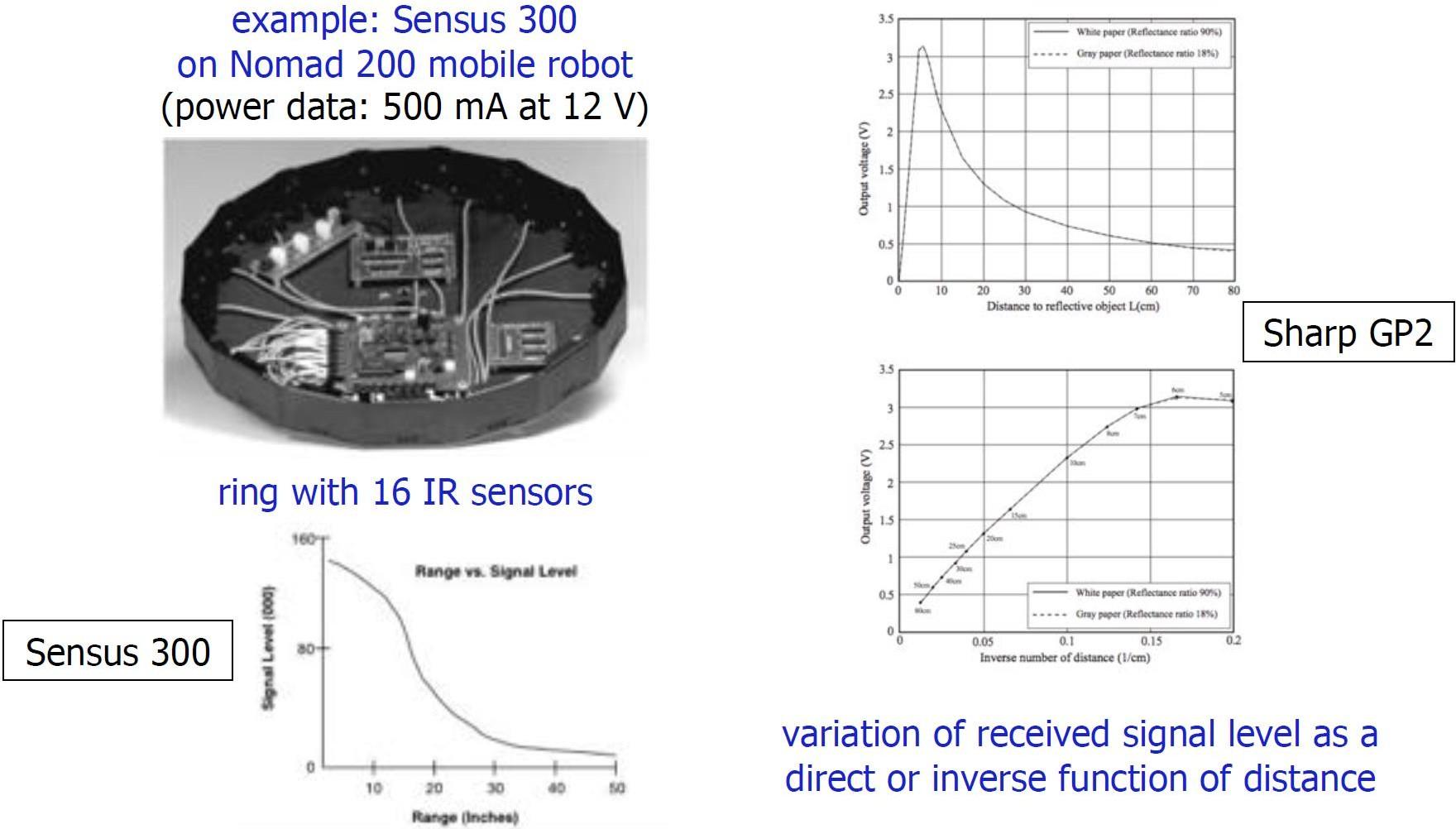




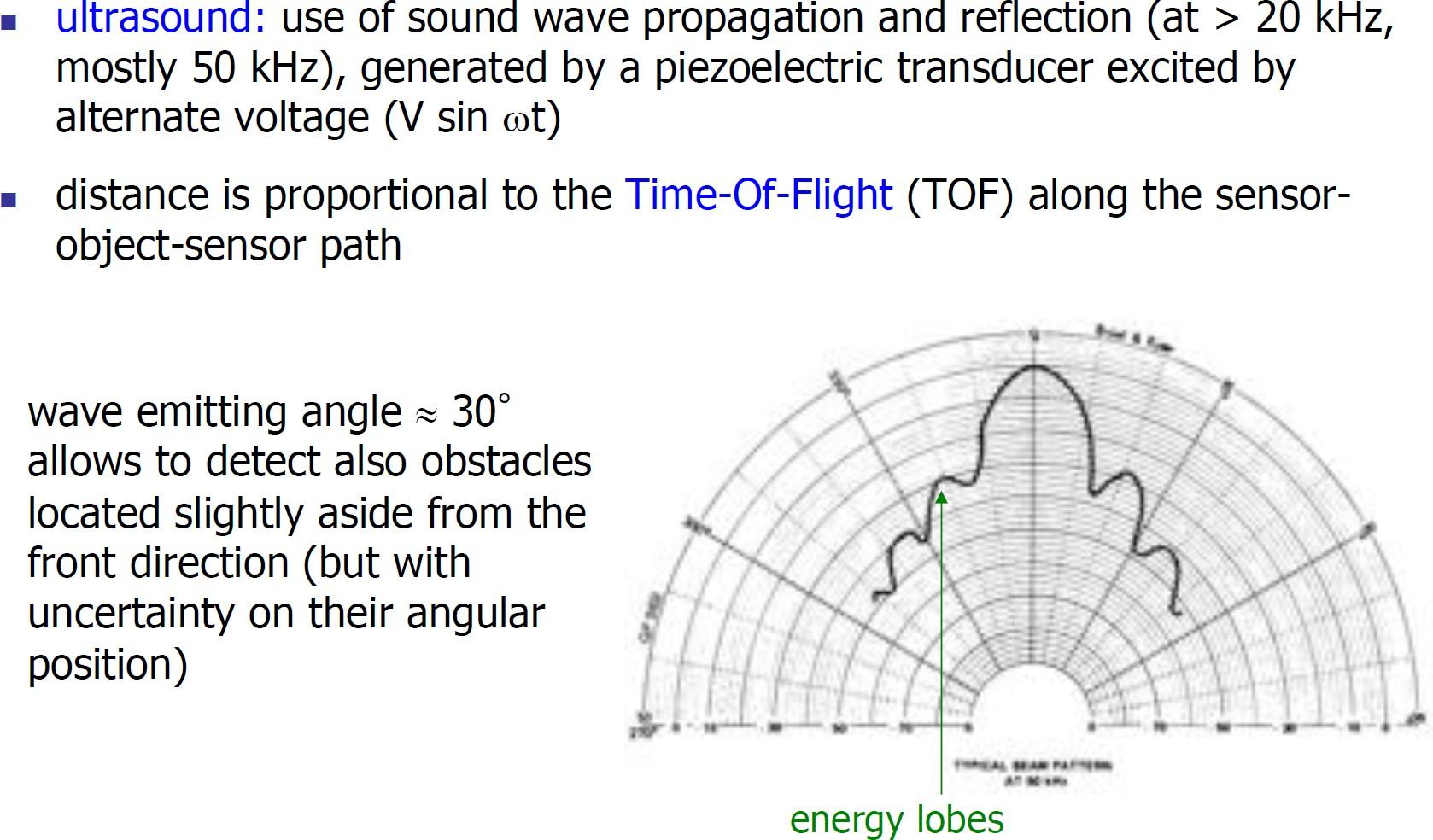


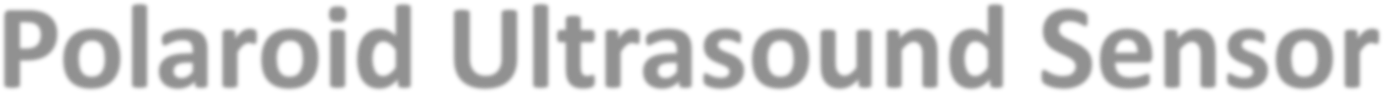


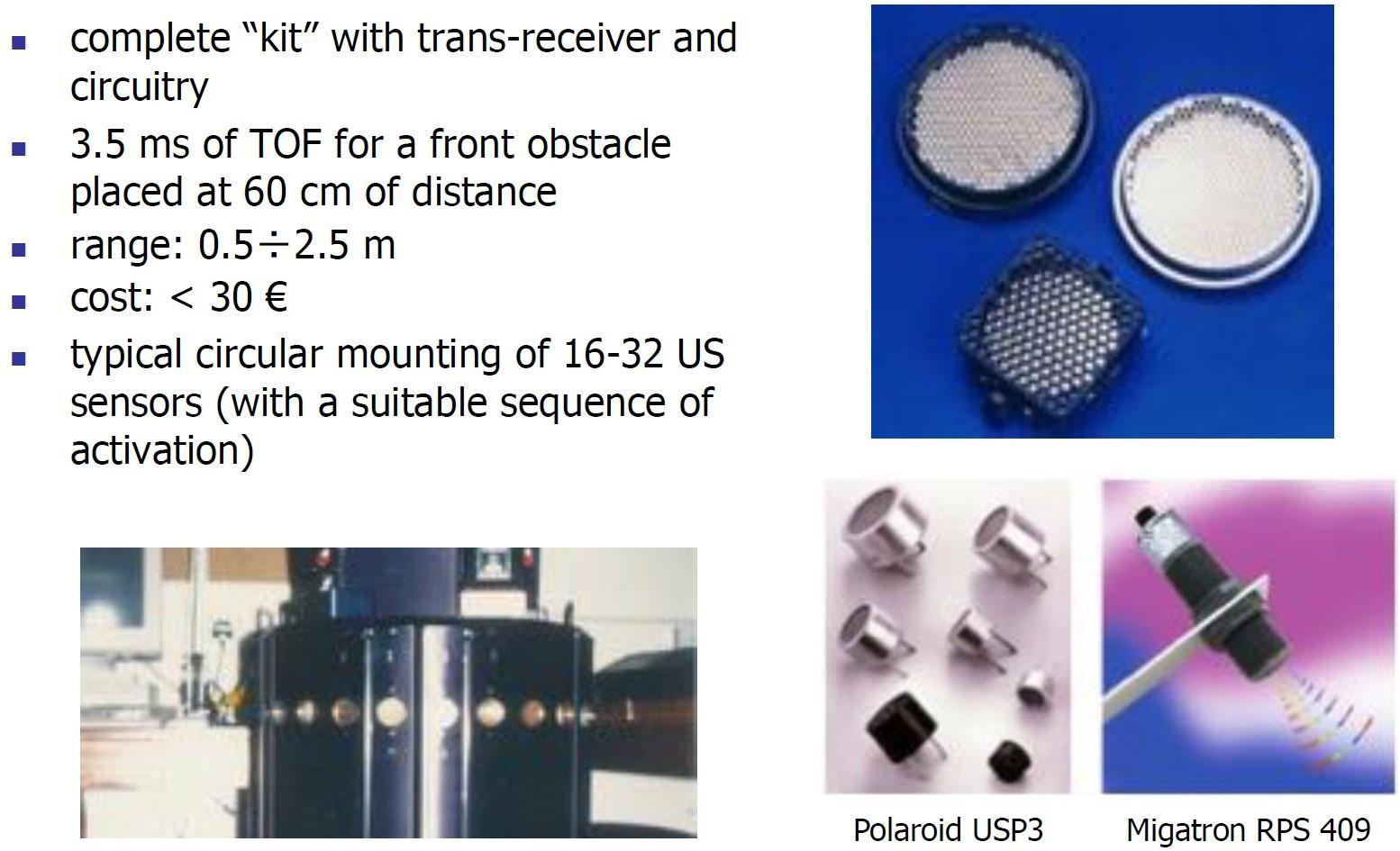






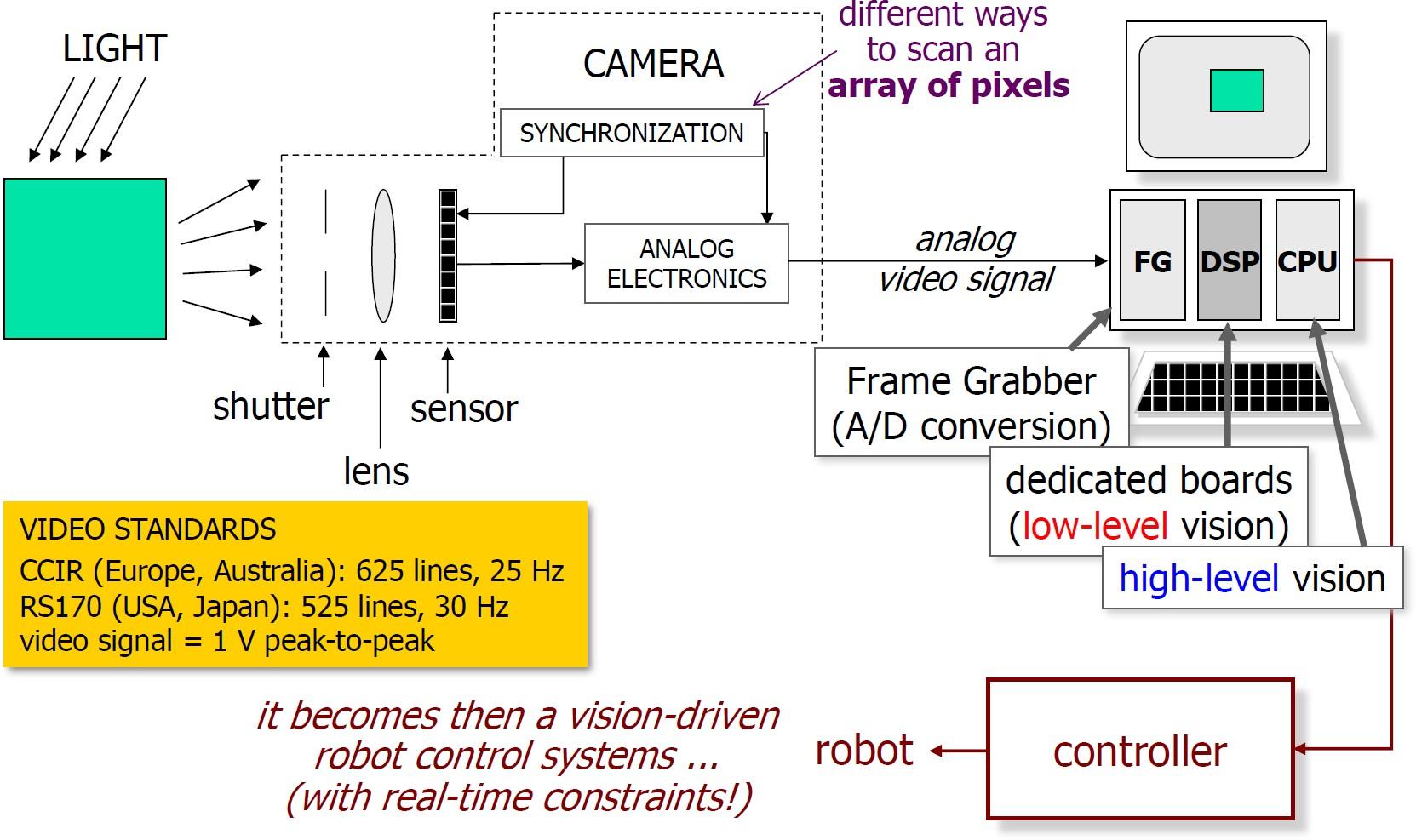


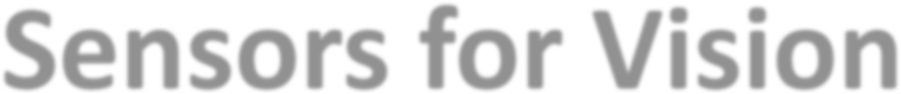


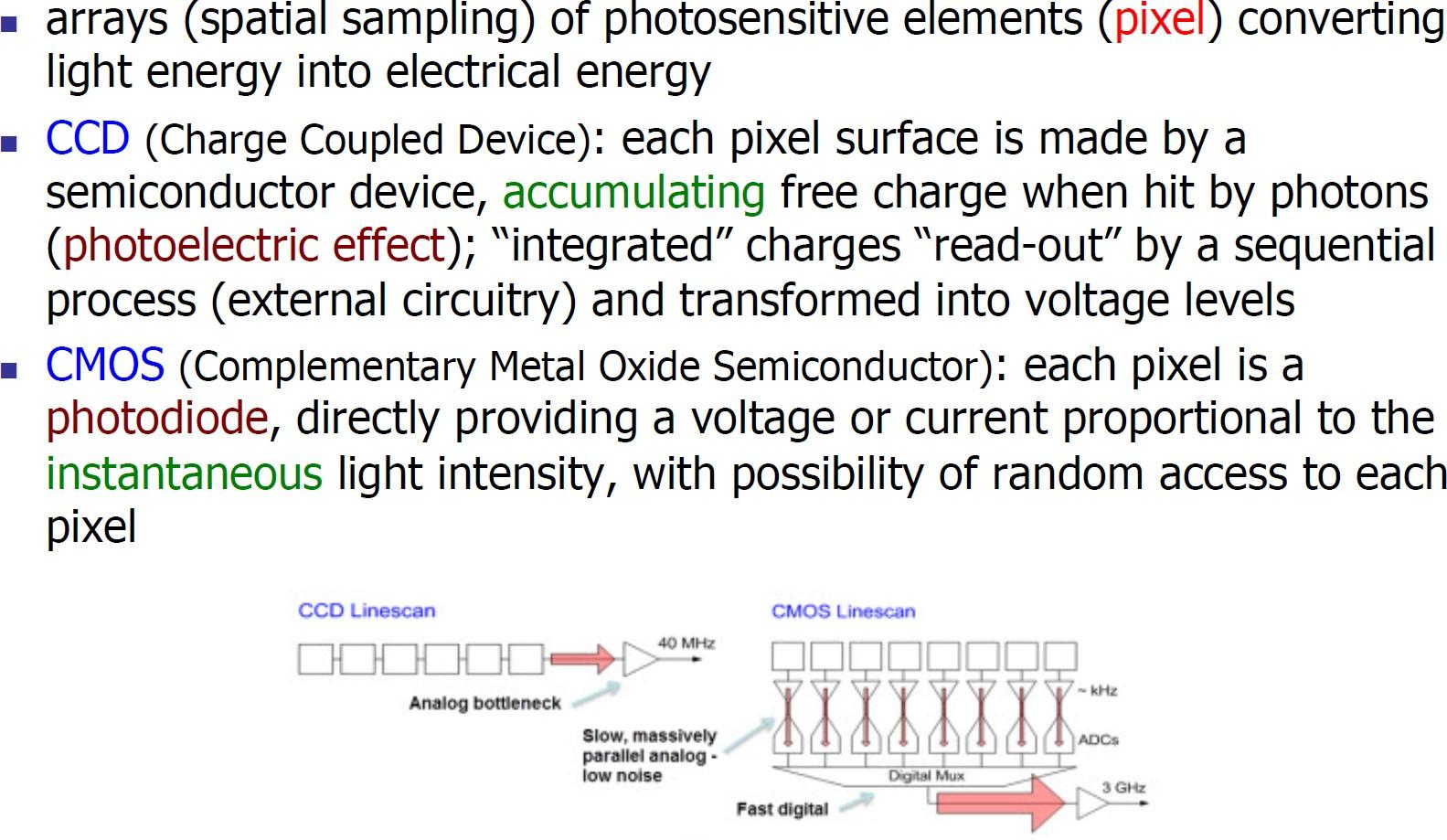


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**Kinect**

camera+structured light 3D sensor

