



KON-C2004 - Mechatronics Basics, Lecture, 22.10.2024-12.12.2024

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English - Finnish Mechatronics glossary

Because the lecture and material language is English and I do not often remember to tell also the Finnish terms during the lectures, I'll add them here as I remember. If you have something relevant to add here or to ask about some terms, you can use for example the General Discussion forum.

- actuator = toimilaite
- ball screw = kuularuuvi
- band pass filter = kaistanpäästösuodatin
- gripper = tarttuja
- filter = suodatin (signaalinkäsittelyssä myös suodin)
- high pass filter = ylipäästösuodatin
- lead screw = liikeruuvi
- low pass filter = alipäästösuodatin
- (mass) moment of inertia = hitausmomentti - do not confuse with moment of inertia of plane area/second moment of area (jäyhyysmomentti)
- machine vision = konenäkö
- optical incremental encoder = optinen inkrementaalienkooderi/inkrementtienkooderi (myös pulssianturi)
- reduction gear = alennusvaihde
- sensor = anturi
- user interface = käyttöliittymä

? = ylennysvaihde

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