

Uporabno gradivo pri predmetu PiPS

Spodaj zbrano gradivo obsega spletne povezave do dodatnega gradiva za boljše razumevanje snovi, ki jo obravnavamo pri predmetu. Spletna literatura obsega predstavitve, elektronske knjige, video material.

OSNOVE HIDRAVLIKE

<https://www.slideshare.net/pinaki50/basic-hydraulics-28872535>

<https://www.slideshare.net/Zareen15/basics-of-hydraulics>

[https://yuken-usa.com/pdf/special/Basic_Hydraulic_And_Components_\(Pub._ES-100-2\)_.pdf](https://yuken-usa.com/pdf/special/Basic_Hydraulic_And_Components_(Pub._ES-100-2)_.pdf)

<https://slideplayer.com/slide/5687763/>

https://www.youtube.com/watch?v=pzUrhC_U3AY

https://www.youtube.com/channel/UCBX5Aj80CYu_DWmwdIZGIKQ/videos (LuncBox Sessions)

<https://www.hydraulicspneumatics.com/ebooks/fluid-power-ebook-fluid-power-basics> (Fluid Power eBook - Fluid Power Basics)

<https://www.hydraulicspneumatics.com/ebooks/fluid-power-ebook-fluid-power-circuits-explained> (Fluid Power eBook — Fluid Power Circuits Explained)

POTNI VENTILI

Directional Control Valve Basics - Part 1

<https://www.youtube.com/watch?v=COPwvWXbV3w>

Directional Control Valve Basics - Part 2

https://www.youtube.com/watch?v=o-A_9nFpzek

Directional Control Valve Centers

<https://www.youtube.com/watch?v=Ux7WHgYngZE>

Solenoid-Controlled Pilot-Operated Directional Control Valve

https://www.youtube.com/watch?v=YbgNZ_09ABQ

<https://www.hydraulicspneumatics.com/other-technologies/chapter-10-directional-control-valves-part-1>

<https://www.hydraulicspneumatics.com/other-technologies/chapter-10-directional-control-valves-part-2>

<https://www.hydraulicspneumatics.com/other-technologies/chapter-10-directional-control-valves-part-3>

<https://www.hydraulicspneumatics.com/other-technologies/chapter-10-directional-control-valves-part-4>

<https://www.hydraulicspneumatics.com/other-technologies/chapter-10-directional-control-valves-part-5>

TLAČNI VENTILI

https://www.youtube.com/watch?v=vfz_CM0ygs4

https://www.youtube.com/watch?v=_mT4q3yW1uU

<https://www.youtube.com/watch?v=Od9B8LDA-ME> (prelivni ventil)

<https://www.youtube.com/watch?v=nuMgLgBNG1k> (zaporednostni ventil)

<https://www.youtube.com/watch?v=4GC6OV5gwyo> (zavorni ventil)

<https://www.youtube.com/watch?v=-fDgF9VT3iM> (zmanjševalnik tlaka)

<https://www.hydraulicspneumatics.com/other-technologies/chapter-9-relief-and-unloading-pressure-controls>

TOKOVNI VENTILI

<https://www.hydraulicspneumatics.com/other-technologies/chapter-13-flow-controls-and-flow-dividers>

<https://www.youtube.com/watch?v=Tn3bsiQx1Ug&t=3s>

Pressure Compensated Flow Control - Part 1

<https://www.youtube.com/watch?v=mCPJvrEiXCA>

Pressure Compensated Flow Control - Part 2

<https://www.youtube.com/watch?v=elg3LBJ1PW4>

Pressure Compensated Flow Control - Part 3

<https://www.youtube.com/watch?v=L2FjkG5AHzw&t=154s>

HIDROLOGIČNI VENTILI

<https://www.hydraulicspneumatics.com/other-technologies/chapter-11-slip-cartridge-valves-logic-valves>

PROPORCIONALNI IN SERVO VENTILI

<http://www.moog.com/literature/ICD/ProportionalServoValveTechnology-fpjarticle.pdf>

https://www.youtube.com/results?search_query=proportional+hydraulics

https://www.unilim.fr/pages_perso/thierry.cortier/Hydraulique_cours/co/6_36_1_Moog_desopt_V2_gif.html

<https://www.youtube.com/watch?v=NTz3InTKdgo>

NAPREDNE TEHNOLOGIJE

<https://www.youtube.com/watch?v=oSiBOwVAoto>

<https://www.youtube.com/watch?v=S2gJgXhsq3M>

<https://www.youtube.com/watch?v=w8LrIZszJ7g>

<https://www.youtube.com/watch?v=25a1JD9Nhv8>

<https://www.ptonline.com/articles/injection-molding-at-npe2018-a-showplace-for-the-smart-factory>

<https://www.hydraulicspneumatics.com/controls-instrumentation/connecting-vehicles-cloud>

<https://www.boschrexroth.com/en/xc/trends-and-topics/directions/ready-for-industry-4-0-connected-hydraulics>

<https://www.boschrexroth.com/en/xc/trends-and-topics/directions/smart-systems-create-value>

https://www.researchgate.net/publication/313112634_A_review_on_recent_research_trends_in_servo_pneumatic_positioning_systems (servo pnevmatika)