

13. ENERGY BALANCES OF TURBOMACHINES

Jiří Škorpík

— 1 — Energy balance of water turbine; — 2 — Discussion about water turbine energy equations;
— 3 — Energy balance of pump; — 5 — Discussion about pump energy equations; — 5 — Energy
balance of heat turbine; — 6 — Adiabatic expansion inside heat turbine; — 7 — Polytropic expansion
inside heat turbine; — 8 — Energy balance of turbocompressor; — 9 — Adiabatic compression inside
compressor; — 10 — Polytropic compression inside compressor; — 11 — Energy balance of fan;
— 12 — Energy balance of wind turbine; — 13 — Propellers; — 15 — References; Appendices
in Czech

The article of online continued resource Transformační technologie.

ISSN 1804-8293

www.transformacni-technologie.cz

Copyright©Jiří Škorpík, 2017

All rights reserved.

This work was published without any linguistic and editorial revisions.