

40. FLOW OF GASES AND STEAM THROUGH NOZZLES

Jiří Škorpík

— 1 — Converging nozzle; — 3 — Ideal contour of converging nozzle; — 4 — State at exit of converging nozzle; — 5 — De Laval nozzle (converging-diverging nozzle); — 6 — Frequent contours of de Laval nozzles; — 8 — Flow inside de Laval nozzle at non-nominal states; — 10 — Flow through oblique cut nozzle; — 11 — Flow through nozzle at losses; — 12 — Efficiency of nozzle; — 12 — Contraction of flow and mass flow coefficient; — 13 — Some applications of nozzle theory; — 13 — Nozzle as blade passage; — 14 — Rocket engine; — 15 — Flow through group of nozzles, flow through group of turbine stages; — 16 — References; Appendices in Czech

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