Fundamentals of **Thermodynamics**

Borgnakke · Sonntag



Sonntag Thermodynamics Solutions Manual

Gordon John Van Wylen, Richard Edwin Sonntag

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and Applications reinforces each topic through concept questions and representative problems with detailed worked out solutions Figures and illustrations throughout tie each subject to the real world You will gain a clear understanding of the laws of thermodynamics that drive our understanding of energy systems and their daily applications Coverage includes Basic thermodynamics concepts Energy transfer modes The first law of thermodynamics Macroscale mass and energy balances Transient closed systems Steady open uniform flow devices The second law of thermodynamics The T s diagram and entropy calculations Exergy or minimizing energy waste Open and closed power cycles Reversed closed cycles Mechanical TERMODINAMIKA Lulut Alfaris, S.T., M.T, Fathan Mubina Dewadi.ST., MT., Ir. Marvadi, ST., MT., Engineering ,1983-06 IPM., ACPE., ASEAN Eng., Eko Kurniawan, S.T. M.Sc, Mohamad Miftakul Ulum, Dewi Fairuz Zulaikha, Ir. Indriyani, A.P., S.T., M.Si., Rofigoh Hasan Harahap, Tria Puspa Sari, Ir. Ahmad Yani, S.T., M.T., IPP., Ari Beni Santoso, S.T., M.T., I Putu Tedy Indrayana, M.Sc., 2022-07-30 1 KONSEP DASAR SISTEM TERMODINAMIKA Lulut Alfaris S T M T 2 KALOR USAHA DAN HUKUM PERTAMA TERMODINAMIKA Fathan Mubina Dewadi ST MT 3 SIFAT SIFAT TERMODINAMIS ZAT MURNI Ir Maryadi ST MT IPM ACPE ASEAN Eng 4 Termodinamika Proses Aliran Tunak Eko Kurniawan S T M Sc 5 HUKUM KEDUA TERMODINAMIKA Mohamad Miftakul Ulum 6 Aplikasi Termodinamika Dewi Fairuz Zulaikha 7 SIFAT SIFAT UAP Ir Indriyani A P S T M Si 8 Proses Reversible dan Irreversible Rofiqoh Hasan Harahap 9 Siklus siklus Mesin Kalor Tria Puspa Sari ST MT 10 PERPINDAHAN KALOR Ir Ahmad Yani S T M T IPP 11 ENTROPI UAP DAN GAS Ari Beni Santoso S T T T 12 Potensial Termodinamik I Putu Tedy Indrayana M Sc Editor Rifaldo Pido ST MT Subject Guide to Books in Print ,1993

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