

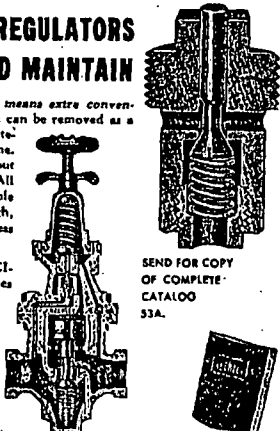
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- Pressure Regulators
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- Float Boxes
- Pilot Safety Valves
- Strainers
- Level Controllers
- Diaphragm Valves



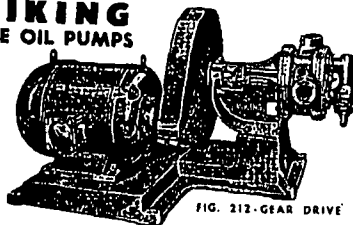
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More BOOKSHELF

Physics. Recent developments in heat transfer are reviewed, per conduction of heat in gases, radiation, conduction in solids and liquids, and natural convection, heat simultaneous phase change and electrical and other type model methods. Heat flow is treated as an transport process in which the physical characteristics of a assembly may be transferred from point by movement of certain. Significance, limitations and value. Region between heat flow, fluid chemical diffusion and electric discussed.

Servomechanism Analysis. (1953 edition). By C. J. Thaler, assistant professor, U. S. Naval Postgraduate School, and R. C. Brown, senior engineer, General Motors Corp. 64 pp., many figs., tables, \$7.50. McGraw-Hill Book Co., 330 West 42nd Street, N. Y. 36, N. Y.

Written for electrical engineers, students in senior and graduate courses, this book reviews the basic principles and concepts of servomechanism operation, introduction to the design and analysis of servomechanism systems. One chapter covers relay servomechanisms because of growing importance.

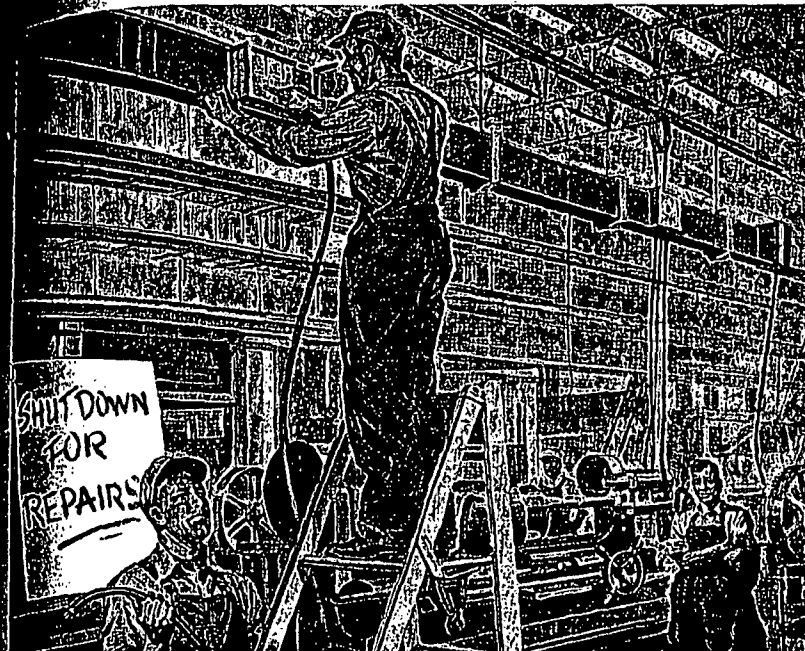
Another chapter is devoted to the locus method which provides a convenient method of calculating transient response from the transfer-function equation, the concept of pole and zero cancellation seems to offer promise for future developments in analysis and design of systems.

An interesting feature of the book is the 67 pp. of appendices which contain electrical equipment used in servomechanism systems. These include: potentiometer, bridge transformers, synchro generators, motors, differential units, tachometers, bridges, temperature and pressure detectors, relays, controllers, servomechanism compensating devices.

Turbines, Condensers, and Auxiliary Feed-Water Heaters, Evaporators, Desalters. (1950). A report by the Mines and Condensers Subcommittee of the Prime Movers Committee, 84x11 1/2, paper, 28 figs., 13 tables, \$1.30 to members, \$3.50 to non-members domestic. Electric Institute, 420 Lexington Ave., New York 17, N. Y.

A report containing statements by operating companies and manufacturers of equipment listed in the title. It also contains data on turbine operating experience, outages. Included are data on simultaneous outages of major plants.

Topics discussed in the report cover conditions for new units, preferred methods of utilization, excitation practices, installations, quick starting of turbines, crater field processing, hydrogen operation, supervisory instruments, gears, troubles, governors, and testing overhaul practices.



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