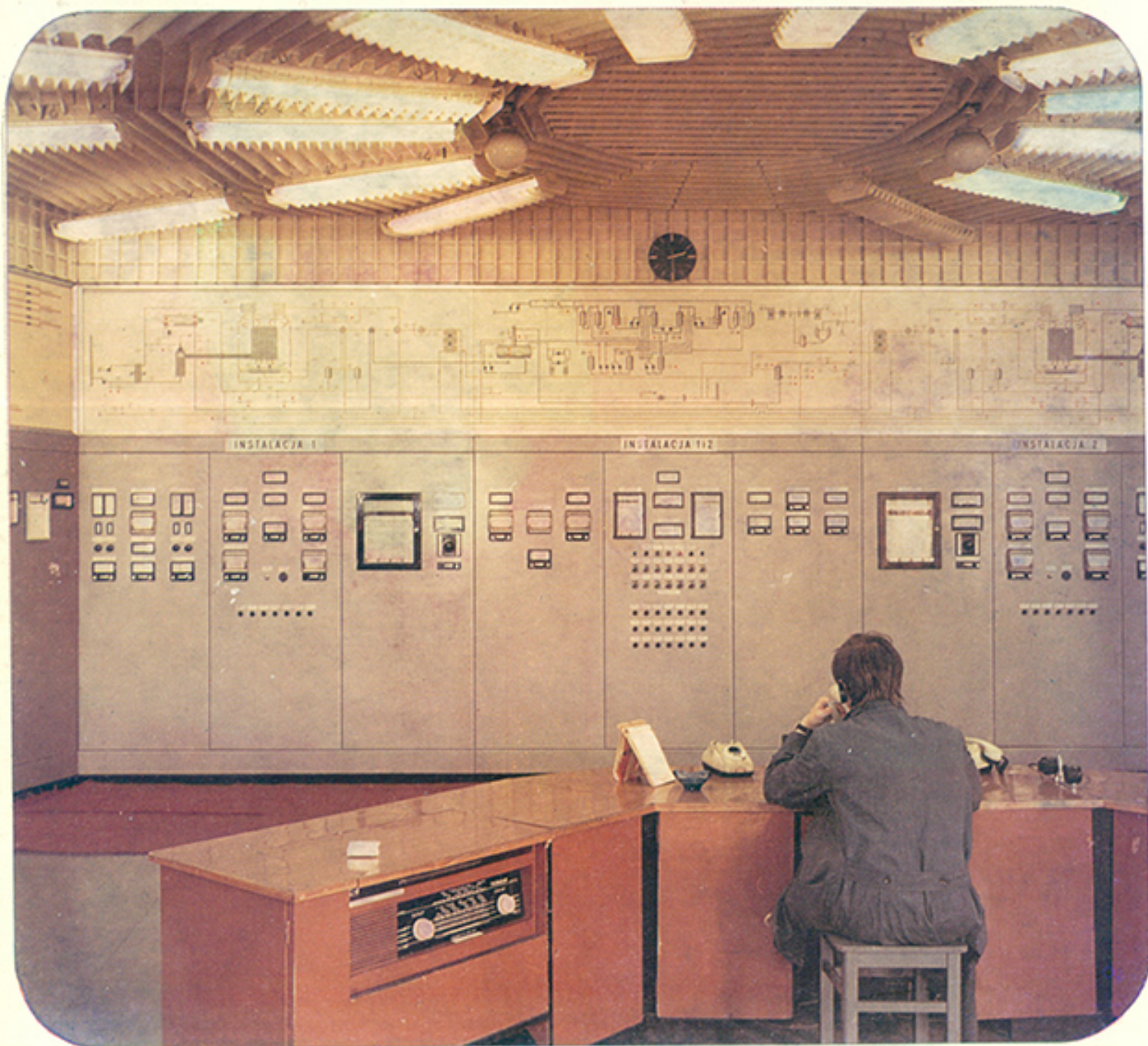




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621.38 330.191.5

SIELANKO W.: Electronics in the national economy. Polish Technical Review, No. 4/74 (62) p. 6

The dynamic expansion of economy is impossible without introducing the electronics into many fields of production and living. It is particularly concerned with planning and management of national economy, controlling of production processes and electronization of products of machine and telecommunication industry. The demand for products of the electronic industry can be met only due to specialization and cooperation with foreign countries.

66.067.5 621.313.13

SZCZUREK J.: Multiple-speed induction motors for sugar centrifuges Polish Technical Review, No. 4/74 (62) p. 14

A new series of SC 54 motors with the number of cycles/h increased to 25...30. An original design of the rotor and ventilation system. The SC 54 motors — an export product for use in sugar-plant equipment — feature good economic characteristics and low production costs.

621.3.078

BIENIŹYK N.: Automatic control of power blocks. Polish Technical Review, No. 4/74 (62) p. 8

Control equipment and automatic control systems must satisfy very stringent requirements. The technical means of obtaining the required parameters are discussed. Circuits for automatic steam-temperature control and incoming-steam pressure control are described as examples of the design of complex systems.

65.011.56

SAWWA R.: A complex automation system for soda-ash plants. Polish Technical Review, No. 4/74 (62) p. 10

A soda-ash plant is considered from the point of view of process control: tasks and structure of the system, centralized plant management and centralized data logging and processing; optimization of parameters and system hardware.

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