

The book was written by Israel's leading specialist in the field of protecting electrical equipment from the effects of an electromagnetic pulse from a high-altitude nuclear explosion (HEMP). It is the final work that completes the cycle of the author's works published earlier in his articles and books on this topic. This book details completed and tested protection devices, developed by the author on the basis of previous research, which are intended for practical implementation and industrial production. Power transformer protection, diesel-generator, control cabinets, battery chargers, UPS, telecommunication systems and much more. The book is of interest to engineers in the field of electric power, water supply, telecommunications and other critical infrastructure sectors, as well as to industry specialists, lecturers and students of universities and colleges.



Vladimir Gurevich

Nuclear Electromagnetic Pulse

Practical Guide for Protection of Critical Infrastructure



Dr. Vladimir Gurevich worked with the Israel Electric Corporation as a Senior Specialist and Head of section at the Central Electric Laboratory. He personally designed many types of devices and systems for protection of electrical equipment. V. Gurevich has written 16 books, more than 120 patents and more than 200 scientific and technical articles.

