

IMITATING MODELS AND THE SOFTWARE FOR MODELING INFLUENCE OF AEROSOLS MEANS ON COMPLEX TECHNICAL SYSTEMS

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Within the framework of the concept of the "nonlethal" weapon the big attention is paid to development of means which disable operation of military and infrastructure objects. The significant part those projects is focused on application of electroconductive aerosol particles and the polymers, sticky foams and corrosive agents.

In the report the methodical approach and imitating models are discussed for estimation of application efficiency of such non-lethal means to the objects of power maintenance, e.g. power plants and power transmission net.

Key words: power stations; power transmission mains; electroconductive aerosol particles; sticky foams; and corrosive materials.