Application of insurance methods in power engineering

Our paper deals with the application of insurance methods in technical disciplines, mainly in power engineering and information technologies. Models used for the description of the cumulative claim are analogous to the probability description of the cumulative powerequipment outage duration. The same might be said about the cumulative costs of failure events clearance, their causes and consequences. We focus on the computational methods for model probabilities and we also present statistical methods of the estimations of model parameters. The counting process of failure events number and the compound point process of failure effects become grounds for our modelling.

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