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**FROM THE KINETIC STRENGTH THEORY AND THE DESTRUCTION
CONCENTRATION CRITERION TO SEISMOGENIC RUPTURE
DENSITY AND PREDICTION OF NATURAL AND NATURAL-
ANTHROPOGENIC DISASTERS**

The evolution of the concepts of the concentration criterion of fracture of solids, proposed by S. Zhurkov, in connection with its use for forecasting strong seismic events in earthquake source physics is considered. The results of long-term testing of the seismogenic fracture density as an earthquake precursor are analyzed in various seismically active regions of the world. Data on its forecasting efficiency are considered.