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Methods of transformation of information signals for solving problems of crisis situation assessment

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The development of information and communication means of information delivery and the simplification of the ability of an individual to publish information have led to a significant increase in the amount of social data. The emergence of social networks, messengers in the 2000s led to an huge growth of content in the virtual environment. The information generated can be both true and false, can be distributed chaotically or have defined trajectories, can remain static over time or can change.
The paper considers the Internet environment as an information field in which there are information signals, which are understood as text, video and audio messages that possess by spreading in a given information field. The paper considers the segment of the global Internet network, in which crisis situations are possible, which means an unpredictable and critical aggravation of contradictions, problems or conflicts, which violates the normal order of things, threatens the security, stability and normal functioning of society, and requires immediate measures for their resolution and overcoming.
The paper develops models of dissemination of individual information messages in the Internet environment, as well as methods of software and hardware implementation of identification of information dissemination paths.

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