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(57) Abstract :

In accordance with the present invention, a simulation and inspection of worm transmission system for use with a mobile ad-hoc network (MANET) includes an infection detection module receiving temporal dynamics information relating to temporal dynamics of worm spread in the MANET and spatial dynamics information relating to spatiality of nodes in the MANET. The infection detection module detects infection in a network segment of the MANET based on the temporal dynamics information and the spatial dynamics information.

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