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(54) METHOD, APPARATUS, ELECTRONIC DEVICE, AND MEDIUM FOR DETECTING ABNORMALITY IN NETWORK

(71) Applicant: **Dell Products L.P.**, Round Rock, TX (US)

(72) Inventors: **Wenbin Yang**, Shanghai (CN); **Jiacheng Ni**, Shanghai (CN); **Zhen Jia**, Shanghai (CN)

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(57) **ABSTRACT**

Embodiments of the present disclosure provide a method, an apparatus, an electronic device, and a medium for detecting an abnormality in a network. The method for detecting an abnormality in a network includes acquiring a reference tensor and a target tensor representing traffic in the network, the reference tensor and the target tensor having at least dimensions of source, destination, and time of the traffic. The method further includes determining a target core tensor of the target tensor based on a reference decomposition factor of the reference tensor related to the dimensions of source and destination of the traffic. The method further includes determining that there is an abnormality in the network if a difference between the target core tensor of the target tensor and a reference core tensor of the reference tensor is greater than a preset value.