

Abstract

A link failure processing method and apparatus, and a terminal device and a storage medium, which can be applicable to a 5G/NR system. The method comprises: after a link failure occurs, a relay terminal device sending a first notification message to a remote terminal device, wherein the link failure at least comprises any one of the following: a wireless link failure, timeout of a T310 timer, timeout of a T312 timer, an SRB1 integrity checking failure, an SRB2 integrity checking failure, an SRB3 integrity checking failure, and a reconfiguration failure. After a link failure occurs, a relay terminal device gives a notification to a remote terminal device, such that the remote terminal device can perform a corresponding operation on the basis of the notification to process a link failure of the relay terminal device, and a rational processing means can be used according to a quality of service (QoS) requirement of the remote terminal device, thereby avoiding unnecessary relay reselection, facilitating resource saving, and avoiding resource waste.

FIG. 2