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*Stability of FDEs with state-dependent delay of unknown bounded*

State-dependent delay is a class of special time delays that depends on the state of system and exists in many practical problems. In this talk, he mainly introduce his recent work which is about the stability for functional differential equations (FDEs) with state-dependent delay. Lyapunov method is developed to stability analysis of FDEs and some stability criteria including exponential stability and Lipschitz stability are established, which are easy to check in real problems.