Werk

Label: Abstract

Jahr: 1972

PURL: https://resolver.sub.uni-goettingen.de/purl?31311157X_0097|log48

Summary

LIAPUNOV'S FUNCTIONS IN THE THEORY OF BOUNDEDNESS OF ABSTRACT RESTRICTED PROCESSES

František Tumajer, Liberec

The notions of strong boundedness, strong asymptotical boundedness, strong equiboundedness, strong asymptotical equiboundedness and their uniform and weak modifications for abstract restricted processes are introduced. By means of Liapunov's functions theorems are proved which give sufficient and in most cases also necessary conditions for the above-mentioned types of boundedness.