

## Werk

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## Summary

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

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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.