

Contents

Curriculum Vitae	4
1 Introduction	5
2 Asymptotics of differential equations with an unbounded delay	7
3 Asymptotics of difference equations with an unbounded delay	12
4 Asymptotic stability for differential equations with a constant delay	15
5 Asymptotic stability for difference equations with a constant delay	16
6 Delay equations on time scales: essentials and asymptotics of the solutions	23
7 Summary and future directions	31
References	32
List of symbols	37
Abstract	37