

1. Record Nr.	UNISA996503548703316
Autore	Nagar Anima
Titolo	Topological dynamics of enveloping semigroups // Anima Nagar, Manpreet Singh
Pubbl/distr/stampa	Singapore : , : Springer, , [2022] ©2022
ISBN	981-19-7877-8
Descrizione fisica	1 online resource (87 pages)
Collana	SpringerBriefs in mathematics
Disciplina	512.2
Soggetti	Semigroups Topological dynamics Dinàmica topològica Semigrups Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Contents -- About the Authors -- 1 Introduction -- 1.1 Introduction -- 1.2 Chapters' Overview -- References -- 2 Bird's-Eye View on Dynamical Systems -- 2.1 Definitions and Elementary Properties -- 2.2 Induced Spaces -- 2.3 Enveloping Semigroups -- 2.3.1 Some Basic Theory -- 2.3.2 Function Spaces -- 2.4 Symbolic Dynamics -- References -- 3 Dynamics of Induced Systems -- 3.1 For (semi)Cascades -- 3.2 For (semi)Flows -- References -- 4 Dynamical Properties of Enveloping Semigroups -- 4.1 Recurrence in Enveloping Semigroups -- 4.2 Periodic Points for Enveloping Semigroups -- 4.3 Finite Minimal Ideals in Enveloping Semigroup and Proximal Relations -- 4.4 Variations of Transitivity for Enveloping Semigroups -- 4.4.1 Transitive Enveloping Semigroups -- 4.4.2 Stronger Forms of Transitivity for Enveloping Semigroups -- References -- 5 Enveloping Semigroup of the Induced Systems -- 5.1 Inducible Mappings -- 5.2 Enveloping Semigroup of $(2Z, )$ , Its Subshifts and of $(2Z, *)$ -- 5.2.1 Isomorphism of $Z$ and $nZ$ , for all $n$ in $N$ -- 5.3 Saturated Enveloping Semigroups -- References.

