

1. Record Nr.	UNISA996418276103316
Autore	Li Xue-Zhi
Titolo	Age Structured Epidemic Modeling [[electronic resource] /] / by Xue-Zhi Li, Junyuan Yang, Maia Martcheva
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-42496-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xii, 383 pages)
Collana	Interdisciplinary Applied Mathematics, , 0939-6047 ; ; 52
Disciplina	614.4
Soggetti	Biomathematics Mathematical models Systems biology Mathematical and Computational Biology Mathematical Modeling and Industrial Mathematics Systems Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Linear Age-Structured Population Models as a Base of Age-structured Epidemic Models -- Age-Structured Epidemic Models -- Nested immuno-epidemiological models -- Age-since-infection structured models based on game theory -- Age structure models on complex networks -- Vector borne age structured models -- Metapopulation and Multigroup age-structured models -- Class age-structured epidemic models -- Appendix. .
Sommario/riassunto	This book introduces advanced mathematical methods and techniques for analysis and simulation of models in mathematical epidemiology. Chronological age and class-age play an important role in the description of infectious diseases and this text provides the tools for the analysis of this type of partial differential equation models. This book presents general theoretical tools as well as large number of specific examples to guide the reader to develop their own tools that they may then apply to study structured models in mathematical epidemiology. The book will be a valuable addition to the arsenal of all researchers interested in developing theory or studying specific models

with age structure.

2. Record Nr.	UNINA9910828763803321
Autore	Eie Minking <1952->
Titolo	Dimensions of spaces of Siegel cusp forms of degree two and three // Minking Eie
Pubbl/distr/stampa	Providence, Rhode Island, United States : , : American Mathematical Society, , 1984 ©1984
ISBN	1-4704-0717-5
Descrizione fisica	1 online resource (194 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 50, Number 304
Disciplina	512/.72
Soggetti	Cusp forms (Mathematics) Selberg trace formula Integrals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"July 1984, Volume 50, Number 304 (first of 3 numbers)"--Cover.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""2.3 Contributions from conjugacy classes of elements having a one-dimensional set of fixed points (I)""""2.4 Contributions from conjugacy classes of elements having a one-dimensional set of fixed points (II)""; ""2.5 Contributions from conjugacy classes of elements having a two-dimensional set of fixed points""; ""2.6 Contributions from conjugacy classes of unipotent elements""; ""2.7 A dimension formula for the vector space of cusp forms with respect to $Sp(2, \mathbb{Z})$ ""; ""CHAPTER III: REPRESENTATIVES OF CONJUGACY CLASSES OF ELEMENTS OF $Sp(3, \mathbb{Z})$ IN $Sp(3, \mathbb{R})$ ""; ""3.1 Introduction"" ""4.4 Contributions from conjugacy classes of elements having a one-dimensional set of fixed points""""4.5 Contributions from conjugacy classes of elements having a two-dimensional set of fixed points""; ""4.6 Second case of conjugacy classes of elements having a one-dimensional set of fixed points""; ""4.7 Second case of conjugacy classes of elements having a two-dimensional set of fixed points""; ""CHAPTER V: CONTRIBUTIONS FROM CONJUGACY CLASSES IN $I?_{sub$

(0)"; "5.1 Introduction"; "5.2 A dimension formula for the principal congruence subgroup  $\Gamma_2(N)$ "  
"5.3 Contributions from  $\Gamma_0(1)$ " "5.4 A dimension formula for the principal congruence subgroup  $\Gamma_3(N)$ "; "5.5 Contributions from  $\Gamma_0(11)$ "; "5.6 A final remark"; "REFERENCES"

---