

# A Short Course In Automorphic Functions Joseph Lehner

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Lectures on Modular Forms - Joseph Lehner 2017-05-17

Concise book offers expository account of theory of modular forms and its application to number theory and analysis. Substantial notes at the end of each chapter amplify the more difficult subjects. 1969 edition.

Discontinuous Groups and Automorphic Functions - Joseph Lehner 1964-12-31

Much has been written on the theory of discontinuous groups and automorphic functions since 1880, when the subject received its first formulation. The purpose of this book is to bring together in one place both the classical and modern aspects of the theory, and to present them clearly and in a modern language and notation. The emphasis in this book is on the fundamental parts of the subject. The book is directed to three classes of readers: graduate students approaching the subject for the first time, mature mathematicians who wish to gain some knowledge and understanding of automorphic function theory, and experts.

**Lectures on Modular Forms** - Joseph Lehner 1969

**Catalog of Copyright Entries. Third Series** - Library of Congress. Copyright Office 1969

*Library of Congress Catalog* - Library of Congress 1965

**Symbolic Computation, Number Theory, Special Functions, Physics and Combinatorics** - Frank G. Garvan 2013-12-01

These are the proceedings of the conference "Symbolic Computation, Number Theory, Special Functions, Physics and Combinatorics" held at the Department of Mathematics, University of Florida, Gainesville, from November 11 to 13, 1999. The main emphasis of the conference was Computer Algebra (i. e. symbolic computation) and how it related to the fields of Number Theory, Special Functions, Physics and Combinatorics. A subject that is common to all of these fields is  $q$ -series. We brought together those who do symbolic computation with  $q$ -series and those who need  $q$ -series in cluding workers in Physics and Combinatorics. The goal of the conference was to inform mathematicians and physicists who use  $q$ -series of the latest developments in the field of  $q$ -series and especially how symbolic computa tion has aided these developments. Over 60 people were invited to participate in the conference. We ended up having 45 participants at the conference, including six one hour plenary speakers and 28 half hour speakers. There were talks in all the areas we were hoping for. There were three software demonstrations.

**Cumulative Book Index** - 1996

A world list of books in the English language.

**Catalog of Copyright Entries. Third Series** - Library of Congress. Copyright Office 1968

Automorphic Forms - Joseph Lehner 1976

**The British National Bibliography** - Arthur James Wells 2004

Linear Differential Equations and Group Theory from Riemann to Poincare - Jeremy Gray 2010-01-07

This book is a study of how a particular vision of the unity of mathematics, often called geometric function theory, was created in the 19th century. The central focus is on the convergence of three mathematical topics: the hypergeometric and related linear differential equations, group theory, and on-Euclidean

geometry. The text for this second edition has been greatly expanded and revised, and the existing appendices enriched. The exercises have been retained, making it possible to use the book as a companion to mathematics courses at the graduate level.

Lectures on Modular Forms - Joseph J. Lehner 2017-05-17

Concise book offers expository account of theory of modular forms and its application to number theory and analysis. Substantial notes at the end of each chapter amplify the more difficult subjects. 1969 edition.

**Science Libraries Consolidated Short-title Catalog of Books** - University of Rochester. Library 1967

**Canadian Mathematical Bulletin** - 1967

**Applied Mathematics Series** - J. A. John 1968

University of California Union Catalog of Monographs Cataloged by the Nine Campuses from 1963 Through 1967: Subjects - University of California (System). Institute of Library Research 1972

**Bulletin Canadien de Mathématiques** - 1967

Contains Proceedings of the Canadian Mathematical Congress, 6th- 1963-

**Annals of Mathematics Studies** - Leon Greenberg 1940

**Contributions to Automorphic Forms, Geometry, and Number Theory** - Haruzo Hida 2004-03-11

In Contributions to Automorphic Forms, Geometry, and Number Theory, Haruzo Hida, Dinakar Ramakrishnan, and Freydoon Shahidi bring together a distinguished group of experts to explore automorphic forms, principally via the associated L-functions, representation theory, and geometry. Because these themes are at the cutting edge of a central area of modern mathematics, and are related to the philosophical base of Wiles' proof of Fermat's last theorem, this book will be of interest to working mathematicians and students alike. Never previously published, the contributions to this volume expose the reader to a host of difficult and thought-provoking problems. Each of the extraordinary and noteworthy mathematicians in this volume makes a unique contribution to a field that is currently seeing explosive growth. New and powerful results are being proved, radically and continually changing the field's make up. Contributions to Automorphic Forms, Geometry, and Number Theory will likely lead to vital interaction among researchers and also help prepare students and other young mathematicians to enter this exciting area of pure mathematics. Contributors: Jeffrey Adams, Jeffrey D. Adler, James Arthur, Don Blasius, Siegfried Boecherer, Daniel Bump, William Casselmann, Laurent Clozel, James Cogdell, Laurence Corwin, Solomon Friedberg, Masaaki Furusawa, Benedict Gross, Thomas Hales, Joseph Harris, Michael Harris, Jeffrey Hoffstein, Hervé Jacquet, Dihua Jiang, Nicholas Katz, Henry Kim, Victor Kreiman, Stephen Kudla, Philip Kutzko, V. Lakshmibai, Robert Langlands, Erez Lapid, Ilya Piatetski-Shapiro, Dipendra Prasad, Stephen Rallis, Dinakar Ramakrishnan, Paul Sally, Freydoon Shahidi, Peter Sarnak, Rainer Schulze-Pillot, Joseph Shalika, David Soudry, Ramin Takloo-Bigash, Yuri Tschinkel, Emmanuel Ullmo, Marie-France Vignéras, Jean-Loup Waldspurger.

*Reviews in Number Theory, as Printed in Mathematical Reviews, 1940 Through 1972, Volumes 1-44 Inclusive* - William Judson LeVeque 1974

The American Mathematical Monthly - 1977

The Honors Class - Ben Yandell 2001-12-12

This eminently readable book focuses on the people of mathematics and draws the reader into their fascinating world. In a monumental address, given to the International Congress of Mathematicians in Paris in 1900, David Hilbert, perhaps the most respected mathematician of his time, developed a blueprint for mathematical research in the new century.

*A Short Course in Automorphic Functions* - Joseph Lehner 2015-01-21

Concise treatment covers basics of Fuchsian groups, development of Poincaré series and automorphic forms, and the connection between theory of Riemann surfaces with theories of automorphic forms and discontinuous groups. 1966 edition.

**General Catalogue of Printed Books** - British Museum. Department of Printed Books 1972

**Sign and Subject** - Daniel Rancour-Laferrriere 1978-01-01

**National Union Catalog** - 1978

Includes entries for maps and atlases.

Cumulated Index to the Books - 1966

**The Publishers Weekly** - 1966

Books and Pamphlets, Including Serials and Contributions to Periodicals - Library of Congress. Copyright Office 1968

*Discontinuous Groups and Riemann Surfaces (AM-79), Volume 79* - Leon Greenberg 2016-03-02

Study 79 contains a collection of papers presented at the Conference on Discontinuous Groups and Riemann Surfaces at the University of Maryland, May 21-25, 1973. The papers, by leading authorities, deal mainly with Fuchsian and Kleinian groups, Teichmüller spaces, Jacobian varieties, and quasiconformal mappings. These topics are intertwined, representing a common meeting of algebra, geometry, and analysis.

**Library News** - University of Maryland, College Park. Libraries 1964

**Catalogue of Title-entries of Books and Other Articles Entered in the Office of the Librarian of Congress, at Washington, Under the Copyright Law ... Wherein the Copyright Has Been Completed by the Deposit of Two Copies in the Office** - Library of Congress. Copyright Office 1966

**Mathematical Reviews** - 1997

*Automorphic Forms on Domains Larger Than the Upper Half Plane, and Factors of Automorphy* - David Alan James 1970

**University of California Union Catalog of Monographs Cataloged by the Nine Campuses from 1963 Through 1967: Authors & titles** - University of California (System). Institute of Library Research 1972

**The National Union Catalogs, 1963-** - 1964

**American Book Publishing Record Cumulative, 1950-1977** - R.R. Bowker Company. Department of Bibliography 1978

**Notices of the American Mathematical Society** - American Mathematical Society 1979

*Dictionary Catalog of the Research Libraries of the New York Public Library, 1911-1971* - New York Public Library. Research Libraries 1979

*Discontinuous Groups and Riemann Surfaces* - Leon Greenberg 1974-04-21

Study 79 contains a collection of papers presented at the Conference on Discontinuous Groups and Riemann Surfaces at the University of Maryland, May 21-25, 1973. The papers, by leading authorities, deal mainly with Fuchsian and Kleinian groups, Teichmüller spaces, Jacobian varieties, and quasiconformal mappings. These topics are intertwined, representing a common meeting of algebra, geometry, and analysis.