

# Geotechnical Engineering Reza S Ashtiani

Thank you for downloading **Geotechnical Engineering Reza S Ashtiani** . Maybe you have knowledge that, people have look numerous times for their chosen novels like this Geotechnical Engineering Reza S Ashtiani , but end up in infectious downloads.

Rather than enjoying a good book with a cup of coffee in the afternoon, instead they are facing with some malicious bugs inside their laptop.

Geotechnical Engineering Reza S Ashtiani is available in our book collection an online access to it is set as public so you can get it instantly.

Our books collection hosts in multiple countries, allowing you to get the most less latency time to download any of our books like this one.

Kindly say, the Geotechnical Engineering Reza S Ashtiani is universally compatible with any devices to read

## **Amnesty International Report 2012 -**

Amnesty International 2012-05-01

The Amnesty International Report 2012 documents the state of human rights in 155 countries and territories in 2011. Throughout the year the demand for human rights resounded around the globe. The year began with protests in countries where freedom of expression and freedom of assembly were routinely repressed. But by the end of the year, discontent and outrage at the failure of governments to ensure justice, security and human dignity had ignited protests across the world. A common strand linking these protests, whether in Cairo or New York, was how quick governments were to prevent peaceful protest and silence dissent. Those who took to the streets displayed immense courage in the face of often brutal crackdowns and overwhelming use of lethal force. In a year of unrest, transition and conflict, too many people are still denied their most basic rights. As demands for better governance and respect for human rights grow, this report shows that world leaders have yet to rise to the challenge.

Environmental Impacts of Mining Monitoring, Restoration, and Control - Mritunjoy Sengupta 2018-02-06

Environmental Impacts of Mining is a comprehensive reference addressing some of the most significant environmental problems associated with mining. These issues include destruction of landscapes, destruction of

agricultural and forest lands, sedimentation and erosion, soil contamination, surface and groundwater pollution, air pollution, and waste management. The book presents an agenda for minimizing environmental damage and offers solutions for the restoration and remediation of degraded areas. This book is a "must have" for environmental consultants, regulators, planners, workers in the mining industry, geologists, hydrologists, hazardous waste professionals, and instructors in the environmental sciences.

## **The Iranian Military Under the Islamic Republic** - Nikola Schahgaldian 1987

This study assesses the Iranian military as a factor in internal Iranian politics. It examines successive influences on the Iranian armed forces since the Islamic Revolution of February 1979. The analysis includes both the professional military and the new paramilitary organizations, the Pasdaran and the Basij. The findings of the study are based primarily on interviews with former Iranian military personnel living outside Iran who have seen service since the revolution, and with nonmilitary individuals. The interview data were supplemented by an analysis of open-source literature in local and Western languages. The findings suggest that the long-term U.S. policy objective ought to be to reestablish a working relationship with Iran and to prevent it or any part of it from coming under Soviet influence. A directory of Iranian military officials and a chronology of events in Iran since 1979 are

included in appendixes.

**Unbound Aggregates in Roads** - R.H. Jones  
2016-04-20

Unbound Aggregates in Roads contains the proceedings of the International Symposium on Unbound Aggregates in Roads (UNBAR3) held at the University of Nottingham, England, on April 11-13, 1989. The papers focus on unbound aggregates used in road construction and cover topics ranging from drainage and permeability to placement and compaction of unbound aggregates, design philosophy, specification, and compliance. This book consists of 49 chapters divided into eight sections and opens with an overview of the functions of unbound aggregates in roads, followed by a discussion on the mechanical properties of different aggregates and theoretical aspects of granular materials. The following chapters focus on granular drainage layers in pavement foundations; residual stresses caused by compaction in granular materials; and alternative materials for road construction such as steel slags and natural and waste materials. The use of unbound road aggregates in various countries such as Italy, France, Germany, and Portugal is also considered. This monograph will be a useful resource for designers, aggregate producers, contractors, specification writers, and materials engineers.

**Iran's Troubled Modernity** - Ali Mirsepassi  
2019

Mirsepassi uses interviews with thirteen individuals to relate the colourful life and times of Ahmad Fardid and his intellectual legacy.

**Moving Particle Semi-implicit Method** - Seiichi Koshizuka  
2018-06-01

Moving Particle Semi-implicit Method: A Meshfree Particle Method for Fluid Dynamics begins by familiarizing the reader with basic theory that supports their journey through sections on advanced MPH methods. The unique insights that this method provides include fluid-structure interaction, non-Newtonian flow, and cavitation, making it relevant to a wide range of applications in the mechanical, structural, and nuclear industries, and in bioengineering. Co-authored by the originator of the MPS method, this book is the most authoritative guide available. It will be of great value to students, academics and researchers in industry. Presents

the differences between MPH and SPH, helping readers choose between methods for different purposes Provides pieces of computer code that readers can use in their own simulations Includes the full, extended algorithms Explores the use of MPS in a range of industries and applications, including practical advice

**Iran Sanctions** - Kenneth Katzman 2010-01  
Contents: (1) Background of the Iran Sanctions Act (ISA): Key Provisions: 'Triggers' and Available Sanctions; Waiver and Termination Authority; Iran Freedom Support Act Amendments; Effectiveness and Ongoing Challenges: Energy Routes and Refinery Investment: Refinery Construction; Significant Purchase Agreements; Efforts in the 110th and 111th Congress to Expand ISA Application; Other Energy-Related Sanctions Ideas; (2) Relationships to Other U.S. Sanctions: Ban on U.S. Trade and Investment With Iran; Treasury Department 'Targeted Financial Measures'; Terrorism-Related Sanctions; Executive Order 13224; Proliferation-Related Sanctions; Efforts to Promote Divestment; Blocked Iranian Property and Assets. Tables.

**The Iran Nuclear Deal** - Dennis C. Jett  
2017-10-19

This book examines attempts to influence the outcome of the negotiations between Iran and the United States over Iran's nuclear capabilities. In particular, it focuses on struggles within the United States around public and congressional opinion with regard to the accord. Trying to prevent a successful outcome to the talks became a cottage industry in Washington, with the casino billionaire Sheldon Adelson being just one of those who were pouring millions of dollars into the effort. On the pro-diplomacy side, there were a wide range of religious, peace, and arms control groups with some financial support coming from the Ploughshares Fund trying to create the space for a negotiated agreement. The tactics of both sides of the debate are described and analyzed to show how a contentious foreign policy issue can become not just a decision for high-level government decision makers, but a wide-ranging fight that involves scores of nongovernmental organizations, the media, and thousands of activists.

*Canadiana* - 1986

The Mechanics of Scour in the Marine Environment - B. Mutlu Sumer 2002

Treats the subject of local scour around different kinds of marine structures, exposed to waves and/or currents.

*Law, State, and Society in Modern Iran* - H. Enayat 2013-07-17

Using a 'Historical Institutional' approach, this book sheds light on a relatively understudied dimension of state-building in early twentieth century Iran, namely the quest for judicial reform and the rule of law from the 1906 Constitutional Revolution to the end of Reza Shah's rule in 1941.

**Advanced characterisation of pavement and soil engineering materials** - International Conference on Advanced Characterisation of Pavement and Soil Engineering Materials 2007

*Rock Mechanics in Civil and Environmental Engineering* - Jian Zhao 2010-05-19

During the last two decades rock mechanics in Europe has been undergoing some major transformation. The reduction of mining activities in Europe affects heavily on rock mechanics teaching and research at universities and institutes. At the same time, new emerging activities, notably, underground infrastructure construction, geothermal energy develop

**Airfield and Highway Pavements 2021** - Hasan Ozer 2021

Selected papers from the International Airfield and Highway Pavements Conference 2021, held virtually June 8-10, 2021. Sponsored by the Transportation & Development Institute of ASCE. This collection contains 36 peer-reviewed papers on pavement materials and sustainability. Topics include: laboratory and field characterization of asphalt binders; modifiers and rejuvenators; asphalt mixtures and modification; recycled and waste materials in asphalt mixtures; unbound base/subgrade materials and stabilization; pavement life-cycle management; interactions of pavements and their environment; cementitious materials characterization and concrete pavement technology; and innovative and sustainable technologies used in pavement applications. This proceedings will be of interest to engineers, designers, project/construction managers, researchers, and contractors involved in the

design and construction of airfield and highway pavements.

World Report 2011 - Human Rights Watch 2011-01-04

Human Rights Watch is increasingly recognized as the world's leader in building a stronger awareness for human rights. Their annual World Report is the most probing review of human rights developments available anywhere. Written in straightforward, non-technical language, Human Rights Watch World Report prioritizes events in the most affected countries during the previous year. The backbone of the report consists of a series of concise overviews of the most pressing human rights issues in countries from Afghanistan to Zimbabwe, with particular focus on the role—positive or negative—played in each country by key domestic and international figures. Highly anticipated and widely publicized by the U.S. and international press every year, the World Report is an invaluable resource for journalists, diplomats, and all citizens of the world.

Politics of Culture in Iran - Nematollah Fazeli 2006-08-21

This first full-length study of the history of Iranian anthropology charts the formation and development of anthropology in Iran in the twentieth century. The text examines how and why anthropology and culture became part of wider socio-political discourses in Iran, and how they were appropriated, and rejected, by the pre- and post-revolutionary regimes. The author highlights the three main phases of Iranian anthropology, corresponding broadly to three periods in the social and political development of Iran: \*the period of nationalism: lasting approximately from the constitutional revolution (1906-11) and the end of the Qajar dynasty until the end of Reza Shah's reign (1941) \*the period of Nativism: from the 1950s until the Islamic revolution (1979) \*the post-revolutionary period. In addition, the book places Iranian anthropology in an international context by demonstrating how Western anthropological concepts, theories and methodologies affected epistemological and political discourses on Iranian anthropology.

**Advances in Materials and Pavement Prediction** - Eyad Masad 2018-07-16  
Advances in Materials and Pavement

Performance Prediction contains the papers presented at the International Conference on Advances in Materials and Pavement Performance Prediction (AM3P, Doha, Qatar, 16-18 April 2018). There has been an increasing emphasis internationally in the design and construction of sustainable pavement systems. Advances in Materials and Pavement Prediction reflects this development highlighting various approaches to predict pavement performance. The contributions discuss links and interactions between material characterization methods, empirical predictions, mechanistic modeling, and statistically-sound calibration and validation methods. There is also emphasis on comparisons between modeling results and observed performance. The topics of the book include (but are not limited to):

- Experimental laboratory material characterization
- Field measurements and in situ material characterization
- Constitutive modeling and simulation
- Innovative pavement materials and interface systems
- Non-destructive measurement techniques
- Surface characterization, tire-surface interaction, pavement noise
- Pavement rehabilitation
- Case studies

Advances in Materials and Pavement Performance Prediction will be of interest to academics and engineers involved in pavement engineering.

*Paving Materials and Pavement Analysis* - American Society of Civil Engineers 2010  
Pavement Design And Paving Material Selection are important for efficient, cost effective, durable, and safe transportation infrastructure  
*Paving Materials and Pavement Analysis* contains 73 papers examining bound and unbound material characterization, modeling, and performance of highway and airfield pavements. The papers in this publication were presented during the GeoShanghai 2010 International Conference held in Shanghai, China, June 3-5, 2010.

*Recycled Materials and by Products in Highway Applications* - Mary Stroup-Gardiner 2013  
Recycled materials and industrial byproducts are being used in transportation applications with increasing frequency. There is a growing body of experience showing that these materials work well in highway applications. This study gathers the experiences of transportation agencies in determining the relevant properties of recycled

materials and industrial byproducts and the beneficial use for highway applications. Information for this study was acquired through a literature review, and surveys and interviews with state department of transportation staff. The report will serve as a guide to states revising the provisions of their materials specifications to incorporate the use of recycled materials and industrial byproducts, and should, thereby, assist producers and users in leveling the playing field for a wide range of dissimilar materials.

*Substation Structure Design Guide* - Leon Kempner 2008

MOP 113 provides a comprehensive resource for the structural design of outdoor electrical substation structures.

**Eleventh International Conference on the Bearing Capacity of Roads, Railways and Airfields** - Inge Hoff 2021-11-10

*Innovations in Road, Railway and Airfield Bearing Capacity* - Volume 1 comprises the first part of contributions to the 11th International Conference on Bearing Capacity of Roads, Railways and Airfields (2022). In anticipation of the event, it unveils state-of-the-art information and research on the latest policies, traffic loading measurements, in-situ measurements and condition surveys, functional testing, deflection measurement evaluation, structural performance prediction for pavements and tracks, new construction and rehabilitation design systems, frost affected areas, drainage and environmental effects, reinforcement, traditional and recycled materials, full scale testing and on case histories of road, railways and airfields. This edited work is intended for a global audience of road, railway and airfield engineers, researchers and consultants, as well as building and maintenance companies looking to further upgrade their practices in the field.

**Fundamentals of Earthquake Engineering** - Amr S. Elnashai 2008-01-01

*Fundamentals of Earthquake Engineering* combines aspects of engineering seismology, structural and geotechnical earthquake engineering to assemble the vital components required for a deep understanding of response of structures to earthquake ground motion, from the seismic source to the evaluation of actions and deformation required for design. The nature

of earthquake risk assessment is inherently multi-disciplinary. Whereas *Fundamentals of Earthquake Engineering* addresses only structural safety assessment and design, the problem is cast in its appropriate context by relating structural damage states to societal consequences and expectations, through the fundamental response quantities of stiffness, strength and ductility. The book is designed to support graduate teaching and learning, introduce practicing structural and geotechnical engineers to earthquake analysis and design problems, as well as being a reference book for further studies. *Fundamentals of Earthquake Engineering* includes material on the nature of earthquake sources and mechanisms, various methods for the characterization of earthquake input motion, damage observed in reconnaissance missions, modeling of structures for the purposes of response simulation, definition of performance limit states, structural and architectural systems for optimal seismic response, and action and deformation quantities suitable for design. The accompanying website at [www.wiley.com/go/elhashai](http://www.wiley.com/go/elhashai) contains a comprehensive set of slides illustrating the chapters and appendices. A set of problems with solutions and worked-through examples is available from the Wiley Editorial team. The book, slides and problem set constitute a tried and tested system for a single-semester graduate course. The approach taken avoids tying the book to a specific regional seismic design code of practice and ensures its global appeal to graduate students and practicing engineers.

**For Want of Water** - Sasha Pimentel  
2017-10-17

Searing verses set on the Mexican border about war and addiction, love and sexual violence, grief and loss, from an American Book Award-winning author. Selected by Gregory Pardlo as winner of the National Poetry Series. El Paso is one of the safest cities in the United States, while across the river, Ciudad Juárez suffers a history of femicides and a horrific drug war. Witnessing this, a Filipina's life unravels as she tries to love an addict, the murders growing just a city—but the breadth of a country—away. This collection weaves the personal with recent history, the domestic with the tragic, asking how

much “a body will hold,” reaching from the border to the poet's own Philippines. These poems thirst in the desert, want for water, searching the brutal and tender territories between bodies, families, and nations.

*Fundamentals of Earthquake Engineering* - Amr S. Elnashai 2015-07-21

*Fundamentals of Earthquake Engineering: From Source to Fragility, Second Edition* combines aspects of engineering seismology, structural and geotechnical earthquake engineering to assemble the vital components required for a deep understanding of response of structures to earthquake ground motion, from the seismic source to the evaluation of actions and deformation required for design, and culminating with probabilistic fragility analysis that applies to individual as well as groups of buildings. Basic concepts for accounting for the effects of soil-structure interaction effects in seismic design and assessment are also provided in this second edition. The nature of earthquake risk assessment is inherently multi-disciplinary. Whereas this book addresses only structural safety assessment and design, the problem is cast in its appropriate context by relating structural damage states to societal consequences and expectations, through the fundamental response quantities of stiffness, strength and ductility. This new edition includes material on the nature of earthquake sources and mechanisms, various methods for the characterization of earthquake input motion, effects of soil-structure interaction, damage observed in reconnaissance missions, modeling of structures for the purposes of response simulation, definition of performance limit states, fragility relationships derivation, features and effects of underlying soil, structural and architectural systems for optimal seismic response, and action and deformation quantities suitable for design. Key features: Unified and novel approach: from source to fragility Clear conceptual framework for structural response analysis, earthquake input characterization, modelling of soil-structure interaction and derivation of fragility functions Theory and relevant practical applications are merged within each chapter Contains a new chapter on the derivation of fragility Accompanied by a website containing illustrative slides, problems

with solutions and worked-through examples  
Fundamentals of Earthquake Engineering: From Source to Fragility, Second Edition is designed to support graduate teaching and learning, introduce practising structural and geotechnical engineers to earthquake analysis and design problems, as well as being a reference book for further studies.

**Infrastructure Sustainability Through New Developments in Material, Design, Construction, Maintenance, and Testing of Pavements** - Anand Tapase 2021-07-10

This book includes a collection of research and practical papers aiming with key priority for improving the infrastructural sustainability for our well-being and day-to-day lives through novel developments. The united efforts through new developments in material, design, construction, maintenance, and testing of pavements from all over the world are taken under one umbrella. Topics include issues related to civil infrastructure such as the use of construction waste, recycled aggregates, service life prediction of pavements, mechanical behavior of SMA, control measures of ready mixed concrete, determination of landslide high-risk areas, Simulation of rock hydraulics in rock joint, sustainable planning for provision of basic infrastructural facilities in rural areas. It is anticipated that this book will support decisions regarding the optimal management and maintenance of civil infrastructures to support a more resilient and sustainable environment for infrastructure users.

*Understanding Sea-level Rise and Variability* - Philip L. Woodworth 2010-12-01

Understanding Sea-Level Rise and Variability identifies the major impacts of sea-level rise, presents up-to-date assessments of past sea-level change, thoroughly explores all of the factors contributing to sea-level rise, and explores how sea-level extreme events might change. It identifies what is known in each area and what research and observations are required to reduce the uncertainties in our understanding of sea-level rise so that more reliable future projections can be made. A synthesis of findings provides a concise summary of past, present and future sea-level rise and its impacts on society. Key Features: Book includes contributions from a range of international sea level experts

Multidisciplinary Four color throughout  
Describes the limits of our understanding of this crucial issue as well as pointing to directions for future research The book is for everyone interested in sea-level rise and its impacts, including policy makers, research funders, scientists, students, coastal managers and engineers. Additional resources for this book can be found at:

<http://www.wiley.com/go/church/sealevel>.

**Commercial Communication in the Digital Age** - Gabriele Siegert 2017-04-10

In today's digital age, online and mobile advertising are of growing importance, with advertising no longer bound to the traditional media industry. Although the advertising industry still has broader access to the different measures and channels, users and consumers today have more possibilities to publish, get informed or communicate - to "co-create" -, and to reach a bigger audience. There is a good chance thus that users and consumers are better informed about the objectives and persuasive tricks of the advertising industry than ever before. At the same time, advertisers can inform about products and services without the limitations of time and place faced by traditional mass media. But will there really be a time when advertisers and consumers have equal power, or does tracking users online and offline lead to a situation where advertisers have more information about the consumers than ever before? The volume discusses these questions and related issues.

**The Aggregates Handbook, Second Edition** - National Stone, Sand & Gravel Association 2013-03-20

**Characterization of Cementitiously Stabilized Layers for Use in Pavement Design and Analysis** - Haifang Wen 2014

"TRB's National Cooperative Highway Research Program (NCHRP) Report 789: Characterization of Cementitiously Stabilized Layers for Use in Pavement Design and Analysis presents performance-related procedures for characterizing cementitiously stabilized layers for incorporation into mechanistic-empirical pavement analysis methods. Appendices to the report are available online."--Publisher's description.

**Creating the Modern Iranian Woman** - Liora Hendelman-Baavur 2019-11-07

A fresh look at Iranian popular culture and women's role within this prior to the 1979 Revolution.

Advances in Transportation Geotechnics IV - Erol Tutumluer 2021-08-30

This volume presents selected papers presented during the 4th International Conference on Transportation Geotechnics (ICTG). The papers address the geotechnical challenges in design, construction, maintenance, monitoring, and upgrading of roads, railways, airfields, and harbor facilities and other ground transportation infrastructure with the goal of providing safe, economic, environmental, reliable and sustainable infrastructures. This volume will be of interest to postgraduate students, academics, researchers, and consultants working in the field of civil and transport infrastructure.

Pavement Drainage: Theory and Practice - G L Sivakumar Babu 2019-08-26

SUMMARY This book provides complete coverage of surface and subsurface drainage of all types of pavements for highways, urban roads, parking lots, airports, and container terminals. It provides up-to-date information on the principles and technologies for designing and building drainage systems and examines numerous issues, including maintenance and designing for flood events. Practical considerations and sophisticated analysis, such the use of the finite element method and unsaturated soil mechanics, anisotropy and uncertainties, are presented. This book allows civil engineers to make the best use of their resources to provide cost effective and sustainable pavements. Features Presents a holistic consideration of drainage with respect to pavement performance. Includes numerous practical case studies. Examines flooding and the impacts of climate change. Includes PowerPoint slides which include quizzes, schematics, figures, and tables.

*The Iran Primer* - Robin B. Wright 2010

A comprehensive but concise overview of Iran's politics, economy, military, foreign policy, and nuclear program. The volume chronicles U.S.-Iran relations under six American presidents and probes five options for dealing with Iran. Organized thematically, this book provides top-

level briefings by 50 top experts on Iran (both Iranian and Western authors) and is a practical and accessible "go-to" resource for practitioners, policymakers, academics, and students, as well as a fascinating wealth of information for anyone interested in understanding Iran's pivotal role in world politics.

*Subsurface Utility Engineering for Municipalities* - James H. Anspach 2019

This report is a resource for understanding subsurface utility engineering (SUE) and bringing up-to-date practices to the application of SUE for public works projects.

**Women and Politics in Iran: Veiling, Unveiling and Reveiling** - Hamideh Sedghi 2014-05-14

Why were urban women veiled in the early 1900s, unveiled from 1936 to 1979, and revealed after the 1979 revolution? This question forms the basis of Hamideh Sedghi's original and unprecedented contribution to politics and Middle Eastern studies. Using primary and secondary sources, Sedghi offers new knowledge on women's agency in relation to state power. In this rigorous analysis she places contention over women at the centre of the political struggle between secular and religious forces and demonstrates that control over women's identities, sexuality, and labor has been central to the consolidation of state power. Sedghi links politics and culture with economics to present an integrated analysis of the private and public lives of different classes of women and their modes of resistance to state power.

**Informatics, Networking and Intelligent Computing** - Jiaxing Zhang 2015-05-06

This proceedings volume contains selected papers presented at the 2014 International Conference on Informatics, Networking and Intelligent Computing, held in Shenzhen, China. Contributions cover the latest developments and advances in the field of Informatics, Networking and Intelligent Computing.

**Mechanistic-empirical Pavement Design Guide** - American Association of State Highway and Transportation Officials 2008

*Airfield and Highway Pavement 2013* - Imad L. Al-Qadi 2013

The proceedings of the 2013 Airfield & Highway Pavement Conference: Sustainable and Efficient

Pavements, held in Los Angeles, California, June 9-12, 2013 contains 123 peer-reviewed papers that focus on the latest developments and cutting-edge technological improvements in pavements and pavement sustainability. Topics include: advanced modeling, design, and analysis of pavements; construction and rehabilitation techniques; asphalt characterization and testing; recycling materials in pavements; pavement quality control/quality assurance; pavement sustainability and life-cycle assessment; nondestructive testing and evaluation; pavement management systems; and airfield and pavement case studies. This proceedings will be of interest to researchers, designers, project/construction managers, and contractors.

Advances in Materials and Pavement Performance Prediction II - K. Anupam  
2020-12-08

Inspired from the legacy of the previous four 3DFEM conferences held in Delft and Athens as well as the successful 2018 AM3P conference held in Doha, the 2020 AM3P conference continues the pavement mechanics theme including pavement models, experimental methods to estimate model parameters, and their implementation in predicting pavement performance. The AM3P conference is organized by the Standing International Advisory Committee (SIAC), at the time of this publication chaired by Professors Tom Scarpas, Eyad Masad, and Amit Bhasin. Advances in Materials and Pavement Performance Prediction II includes over 111 papers presented at the 2020 AM3P Conference. The technical topics covered

include: - rigid pavements - pavement geotechnics - statistical and data tools in pavement engineering - pavement structures - asphalt mixtures - asphalt binders The book will be invaluable to academics and engineers involved or interested in pavement engineering, pavement models, experimental methods to estimate model parameters, and their implementation in predicting pavement performance.

Special Publication - Academy of Natural Sciences of Philadelphia 2019-03-22

This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible. Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.