

Letters Of Euler On Different Subjects In Natural Philosophy Addressed To A German Princess

Volume 1

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Excerpt from Letters of Euler on Different Subjects in Natural Philosophy, Vol. 1 of 2: Addressed to a German Princess; With Notes, and Life of Euler Independently of the great popularity of this work, it possesses a particular interest at the present time, in consequence of its containing a popular view of the doctrine, that light consists in the undulations Of an ethereal medium, which is now generally adopted, in consequence of recent discoveries in optics. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

Addressed to a German Princess;

Letters of Euler to a German Princess

Euler

Letters of Euler on Different Subjects in Physics and Philosophy;

At the start of their correspondence, Euler's royal pupil - the German princess - had little or no knowledge of natural philosophy and mathematics. The letters in this text show how Euler takes his pupil back to the basic notions of distance, time and velocity. Euler then progresses onto the more difficult topics of physics: light and colour; sound; gravity; electricity; and magnetism. From physics, he leads on to natural philosophy: the nature of matter; the origin of forces; and the rival worldviews of Newtonians and Cartesians. Here Euler seeks to separate the mathematical achievement of Newton, about which he had doubts and reservations, from the physical interpretation put on his work by others.

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Elements of Algebra

Letters ... to a German princess, on ... physics and philosophy, tr. by H. Hunter

On Different Subjects in Natural Philosophy Addressed to a German Princess

Letters of Euler to a German Princess, On Different Subjects in Physics and Philosophy; Volume 2

Sandifer has been studying Euler for decades and is one of the world's leading experts on his work. This volume is the second collection of Sandifer's "How Euler Did It" columns. Each is a jewel of historical and mathematical exposition. The sum total of years of work and study of the most prolific mathematician of history, this volume will leave you marveling at Euler's clever inventiveness and Sandifer's wonderful ability to explicate and put it all in context.

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Letters of Euler to a German Princess, On Different Subjects in Physics and Philosophy; Volume 1

Letters of Euler on Different Subjects in Natural Philosophy: Addressed to a German Princess

Letters of Euler on Different Subjects in Physics and Philosophy, Vol. 1 of 2

Letters of Euler on Different Subjects in Natural Philosophy

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Letters of Euler V1

Letters of Euler on Different Subjects in Natural Philosophy, Vol. 1 of 2

Addressed to a German Princess (Classic Reprint)

How Euler Did Even More

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Leonhard Euler's Letters to a German Princess: A Milestone in the History of Physics Textbooks and More is a milestone in the history of physics textbooks and the instruction of women in the sciences. It also covers views of its author on epistemology, religion, and innovations in scientific equipment, including telescopes and microscopes. Today, 250 years later, we study this work of Euler's as a foundation for the history of physics teaching and analyze the letters from an historical and pedagogical point of view.

Addressed to a German Princess, Volume 1 - Scholar's Choice Edition

Letters on Different Subjects in Natural Philosophy: Addressed to a German Princess;

Addressed to a German Princess; 2

A Milestone in the History of Physics Textbooks and More

"This is the first full-scale biography of Leonhard Euler (1707-83), one of the greatest mathematicians and theoretical physicists of all time. In this comprehensive and authoritative account, Ronald Calinger connects the story of Euler's eventful life to the astonishing achievements that place him in the company of Archimedes, Newton, and Gauss. Drawing chiefly on Euler's massive published works and correspondence, which fill more than eighty volumes so far, this biography sets Euler's work in its multilayered context--personal, intellectual, institutional, political, cultural, religious, and social. It is a story of nearly incessant accomplishment, from Euler's fundamental contributions to almost every area of pure and applied mathematics--especially calculus, number theory, notation, optics, and celestial, rational, and fluid mechanics--to his advancements in shipbuilding, telescopes, ballistics, cartography, chronology, and music theory. The narrative takes the reader from Euler's childhood and education in Basel through his first period in St. Petersburg, 1727-41, where he gained a European reputation by solving the Basel problem and systematically developing analytical mechanics. Invited to Berlin by Frederick II, Euler published his famous *Introductio in analysin infinitorum*, devised continuum mechanics, and proposed a pulse theory of light. Returning to St. Petersburg in 1766, he created the analytical calculus of variations, developed the most precise lunar theory of the time that supported Newton's dynamics, and published the best-selling *Letters to a German Princess*--all despite eye problems that ended in near-total blindness. In telling the remarkable story of Euler and how his achievements brought pan-European distinction to the Petersburg and Berlin academies of sciences, the book also demonstrates with new depth and detail the central role of mathematics in the Enlightenment."--Publisher's description.

This Is A New Release Of The Original 1833 Edition.

Letters on Different Subjects in Natural Philosophy

Letters of Euler to a German Princess, on Different Subjects in Physics and Philosophy. Translated From the French by Henry Hunter, D.D. With Original Notes, and a Glossary of Foreign and Scientific Terms. In Two Volumes. ... of 2;

Volume 2

Addressed to a German Princess

Letters of Euler ... addressed to a German princess. Translated ... by Henry Hunter ... Second edition. [Based on the French edition of Condorcet and Lacroix, with passages restored from the 1770 edition.]

Excerpt from Letters of Euler on Different Subjects in Physics and Philosophy, Vol. 1 of 2: Addressed to a German Princess I frequently suggested the idea of a translation to more than one literary friend, in whose ability for the task I could place greater confidence than in my own: but not finding it undertaken. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work.

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Leonhard Euler was one of the most prolific mathematicians that have ever lived. This book examines the huge scope of mathematical areas explored and developed by Euler, which includes number theory, combinatorics, geometry, complex variables and many more. The information known to Euler over 300 years ago is discussed, and many of his advances are reconstructed. Readers will be left in no doubt about the brilliance and pervasive influence of Euler's work.

Letters of Euler to a German Princess, on Different Subjects in Physics and Philosophy

Letters of Euler to a German Princess, on Different Subjects in Physics and Philosophy. Translated from the French by Henry Hunter, D.D. with Original Notes, and a Glossary of Foreign and Scientific Terms. in Two Volumes. ... of 2;

The Master of Us All

Addressed to a German Princess, With Notes, and a Life Of Euler (Classic Reprint)

"Letters of Euler, on Different Subjects in Natural Philosophy Addressed to a German Princess, With Notes, and a Life of Euler, Vol. 2 of 2" is the latter half of a series publishing the letters of mathematician Leonhard Euler. The intended

recipient of these letters was Friederike Charlotte of Brandenburg-Schwedt and her younger sister Louise, all of which were written between 1760 and 1762. The letters were initially published as a result of the insistence of Catherine II who believed that they were treasures the general public deserved access to. Since Euler was a mathematician, first and foremost, the letters often begin with basic explanations of size and mathematics. As the letters progress, however, Euler introduces other subjects of import such as science, politics, history, physics and philosophy. Ever the gentleman, he consistently attempts to infuse his letters with engaging information and personal touches that allow the recipient (and by proxy the reader) a sense of his own feelings on the logical concepts and intricate social and political topics he typically discusses. His passion for these topics flows through the text and makes these subjects interesting even to readers who might be put off by the suggested topics. Truly a master of discourse, Euler proves on every page that his ability to captivate any audience (even a royal one) does not diminish with time. "Letters of Euler, on Different Subjects in Natural Philosophy Addressed to a German Princess, With Notes, and a Life of Euler, Vol. 2 of 2" is the second half of an exciting compilation of letters written by Leonhard Euler. These letters provide a unique glimpse into historic Switzerland and Germany as Euler provides information about both countries in his correspondences. This is an entertaining book for readers who enjoy history, mathematics, science, and politics About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

The 18th century was a wealth of knowledge, exploration and rapidly growing technology and expanding record-keeping made possible by advances in the printing press. In its determination to preserve the century of revolution, Gale initiated a revolution of its own: digitization of epic proportions to preserve these invaluable works in the largest archive of its kind. Now for the first time these high-quality digital copies of original 18th century manuscripts are available in print, making them highly accessible to libraries, undergraduate students, and independent scholars. Medical theory and practice of the 1700s developed rapidly, as is evidenced by the extensive collection, which includes descriptions of diseases, their conditions, and treatments. Books on science and technology, agriculture, military technology, natural philosophy, even cookbooks, are all contained here. ++++ The below data was compiled from various identification fields in the bibliographic record of this title. This data is provided as an additional tool in helping to insure edition identification: ++++ British Library T100446 First published in 1768 as 'Lettres à une princesse d'Allemagne'. London: printed for the translator, and for H. Murray, 1795. 2v., plates; 8°

Letters of Euler on Different Subjects in Natural Philosophy: Addressed to a German Princess. with Notes, and a Life of Euler;

Letters of Euler to a German Princess, on Differnet Subjects in Physics and Philosophy
Mathematical Genius in the Enlightenment

Addressed to a German Princess; With Notes, and Life of Euler (Classic Reprint)

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Letters of Euler, on Different Subjects in Natural Philosophy, Vol. 2 of 2

Leonhard Euler's Letters to a German Princess

Letters of Euler on Different Subjects in Physics and Philosophy

Leonhard Euler