International Symposium On History Of Machines And Mechanisms

DOWNLOAD HERE

Preface; Francis C. Moon: HISTORY OF DYNAMICS OF MACHINES AND MECHANISMS FROM LEONARDO TO TIMOSHENKO; Chung-Chin Lee, Charles W. Stammers, Glen Mullineu: ON THE HISTORICAL OVERVIEW OF GEOMETRIC ALGEBRA FOR KINEMATICS OF MECHANISMS; Agamenon R. E. Oliveira: SOME ORIGINS OF TMM ARISEN FROM PSEUDOARISTOTLE AND HERO OF ALEXANDRIA; Torsten Brix, Marco Ceccarelli, Ulf Dring: KURT HAIN AN OUTSTANDING PERSONALITY IN THE FIELD OF APPLIED KINEMATICS AND THE ACCESSIBILITY TO HIS SCIENTIFIC WORK; Thomas G. Chondros: THE DEVELOPMENT OF MACHINE DESIGN AS A SCIENCE FROM CLASSICAL TIMES TO MODERN ERA; Emilio Bautista Paz, Marco Ceccarelli, Jose Luis Muoz Sanz, Javier Echvarri Otero, Pilar Lafont Morgado, Andres Daz Lantada, Pilar Leal Wia, Hector Lorenzo-Yustos, Juan Manuel Munoz-Guijosa, Julio Muoz-Garca: THE EVOLUTION AND DEVELOPMENT OF MECHANICAL ENGINEERING THROUGH LARGE CULTURAL AREAS; Marco Ceccarelli, Paolo De Paolis: A BRIEF ACCOUNT ON ROMAN MACHINES AND CULTURAL FRAMES: F. Russo, C. Rossi, M. Ceccarelli, F. Russo: DEVICES FOR DISTANCE AND TIME MEASUREMENT AT THE TIME OF ROMAN EMPIRE; Javier Echvarri Otero, Andres Daz Lantada, Jose Luis Muoz Sanz, Marco Ceccarelli, Emilio Bautista Paz, Pilar Lafont Morgado, Pilar Leal Wia, Juan Manuel Munoz-Guijosa, Julio Muoz-Garca, Hector Lorenzo-Yustos: THE TWENTY-ONE BOOKS OF DEVICES AND MACHINES: AN ENCYCLOPEDIA OF MACHINES AND MECHANISMS OF THE 16TH CENTURY; Hanfried Kerle, Klaus Mauersberger: A CONTRIBUTION TO THE HISTORY OF CAM MECHANISMS FROM LEONARDO DA VINCI TILL TODAY; C. Lpez-Cajn, M. Rafael-Morales, J. Cervantes-de Gortari, R. Cols-Ortiz: STEAM LOCOMOTIVES IN THE HISTORY OF TECHNOLOGY OF MEXICO; Olga V. Egorova: THE FIRST STEAM MACHINE IN CUBA. LITTLE-KNOWN PAGES OF AGUSTIN DE BETANCOURT S WORK & LIFE; Yasuhiro Yokota: A HISTORICAL OVERVIEW OF JAPANESE CLOCKS AND KARAKURI; Lihua Wang: AN INTRODUCTION TO THE SPINNING AND WEAVING DEVICES AND TOOLS OF THE MIAO ETHNIC GROUP FROM THE NORTHEAST OF YUNNAN

PROVINCE; Baichun Zhang: ANCIENT CHINESE WINDMILLS; Xiaowu Guan: AN INTERPRETATION OF A RHAPSODY ON WATERWHEEL; Wusan Dai: "LEI SI JING" AND THE CURVE-BEAM PLOUGH OF THE TANG DYNASTY OF CHINA; Lisheng Feng, Qingjun Tong: CRANK-CONNECTING ROD MECHANISM: ITS APPLICATIONS IN ANCIENT CHINA AND ITS ORIGIN; Miao Tian, Baichun Zhang: THE DEVELOPMENT OF KNOWLEDGE ON LEVERS IN ANCIENT CHINA; Teun Koetsier: PHASES IN THE UNRAVELING OF THE SECRETS OF THE GEAR SYSTEM OF THE ANTIKYTHERA MECHANISM; Baichun Zhang, Lie Sun, Tsung-Yi Lin, Zhizhong Zhang: AN INVESTIGATION AND RECONSTRUCTION OF A TRADITIONAL VERTICAL-AXLE-STYLED "CHINESE GREAT WINDMILL" AND ITS SQUARE-PALLET CHAIN-PUMP; Tsung-Yi Lin, Baichun Zhang, Deng-Maw Lu, Zhizhong Zhang, Lie Sun: ON THE MECHANISM ANALYSIS OF THE VERTICAL SHAFT TYPE WIND-POWER CHINESE SQUARE-PALLET CHAIN-PUMP; Hong-Sen Yan: AN APPROACH FOR THE RECONSTTUCTION SYNTHESIS OF LOST ANCIENT CHINESE MECHANISMS; Chin-Hsing Kuo, Jian S Dai: ROBOTICS FOR MINIMALLY INVASIVE SURGERY: A HISTORICAL REVIEW FROM THE PERSPECTIVE OF KINEMATICS; Hsing-Hui Huang, Yi-Ming Lin: THE EMPLOYMENT OF MULTIPLW BOLTS ON THE SECURITY; Sohei Shiroshita: TECHNOLOGY TRANSFER OF EDUCATIONAL MACHINE MECHANISM MODEL; Author Index. EAN/ISBN: 9781402094859 Publisher(s): Springer Netherlands Format: ePub/PDF

DOWNLOAD HERE

Similar manuals: