

Abstract

David Speiser is Professor Emeritus at the Catholic University of Louvain, where he taught mathematics and physics from 1963 to 1990. His work in history of science included various publications, some of which are related to art history. Nephew of mathematician Andreas Speiser, David Speiser's own wide-ranging interests have brought him into contact with a panorama of disciplines. Editor Kim Williams has assembled a group of notes where scholars contribute essays inspired by their contact with Prof. Speiser in honour of his eightieth birthday. Topics range from history of sciences to history of art, from architecture theory to music theory, from particle physics to the proliferation of nuclear weapons, to an essay on the very nature of interdisciplinary studies.

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*The Sciences - Jean-Pierre ANTOINE. David Speiser's Group Theory: From Stiefel's Crystallographic Approach to Kac-Moody Algebras - David Ritz FINKELSTEIN. Whither Quantum Theory? - Laszlo GRENACS. The Direct Determination of the Induced Pseudoscalar Current (and about the slow metamorphosis of an institution) - Giuseppe LA ROCCA and Luigi RADICATI DI BROZOLO. In Praise of Asymmetry - Donal HURLEY and Michael VANDYCK. An Observation about the Huygens Clock Problem
The History of Science - Frans A. CERULUS. Daniel Bernoulli and Leonhard Euler on the Jetski - Giulio MALTESE. On the Changing Fortune of the Newtonian Tradition in Mechanics - Patricia RADELET-DE GRAVE. Studies of Magnetism in the Correspondence of Daniel Bernoulli - Piero VILLAGGIO. On Enriques's Foundations of Mechanics - Sandro CAPARRINI.

On die Common Origin of Some of the Works on the Geometrical Interpretation of Complex Numbers

The Arts - Siegmund LEVARIE. Architecture and Music - Bernd LINDEMANN. An Unusual Sacra Conversazione by Giovanni Bellini - Alessio AGENO and Orietta PEDEMONTE. Ancient Astrological and Musical Analogies in the Renaissance: Palladio's Villa Rotunda and a Geometric Construction by Leonardo

Nuclear Arms - Sidney D. DRELL. The Gravest Danger: Nuclear Weapons and their Proliferation - Wolfgang K.H. PANOFSKY. Nuclear Arms Control