



ARCHITECTURAL DESIGN

Vol 59 No 7/8-1989



18 GEN 1990

Editorial Offices: 42 Leinster Gardens, London W2 3AN Telephone: 01-402 2141 Subscriptions: 7/8 Holland Street London W8 4NA

EDITOR

Dr Andreas C Papadakis

ASSISTANT EDITOR: Clare Farrow CO-ORDINATING EDITOR: Emma Platt DESIGNED BY: Andrea Bettella, Mario Bettella

ADVERTISING: Sheila de Vallée SUBSCRIPTIONS MANAGER: Mira Joka

CONSULTANTS: Dennis Crompton, Terry Farrell, Kenneth Frampton, Charles Jencks
Heinrich Klotz, Leon Krier, Robert Maxwell, Demetri Porphyrios, Colin Rowe, Derek Walker

RUSSIAN CONSTRUCTIVISM & IAKOV CHERNIKHOV

Five years ago, *Architectural Design* published a pioneering study of the Soviet avant-gardist Iakov Chernikhov. Since the publication of his famous books in the early 30s, he has been known throughout the world as the most inventive of the Soviet architects who pursued the constructive formal logics of the machine. In that *AD* study, Catherine Cooke gave the first serious account of the theory and teaching methods he presented in his various books. Through further research in unpublished texts and archives by his grandson, Moscow architect Andrei Chernikhov, the full scope of this remarkable man's work emerges as far wider, ranging from his earliest Suprematist-inspired abstraction to the Stalinist Classicism of his Palaces for Socialism. To coincide with the major travelling exhibition which Andrei Chernikhov has prepared, we devote another issue to the reassessment of Iakov Chernikhov, presenting his avant-garde work in the context of Suprematist and Constructivist architectural thinking around him, and publishing extensive amounts of hitherto unknown work for the first time.

ROUNDUP

Mark Khidekel Suprematism & The Architectural Projects of Lazar Khidekel II

Catherine Cooke Images or Intelligence? V

Catherine Cooke The Machine as a Model: The Russian Constructivists'

Conception of the Design Process X

IAKOV CHERNIKHOV

Andrei Chernikhov Introduction 6 *Catherine Cooke* Chernikhov, Suprematism and Constructivism 12 Biography 18 Aristografia & Graphic Representation Early and Mid-1920s 24 Exprimatika & Geometrical Drawing Mid-1920s 32 The Construction of Ornament 38 Fundamentals of Contemporary Architecture Mid-1920s 44 The Construction of Architectural and Machine Forms Mid-Late 1920s 52 Architectural Fantasies 1929-1933 60 Industrial Vignettes Late 1920s-Early 1930s 68 Fantasies of The Ancient Architectural Landscape Late 1920s-Early 1940s 74 Palaces for Soviet Socialism 1934-1945 82 Abstract Paintings Late 1940s-1951 90 Bibliography and List of Exhibitions 96