

Spring 1996
Number 3: Volume 1

arq

architectural research quarterly:
an international forum for knowledge and ideas



Editor Peter Carolin
University of Cambridge Department
of Architecture
1 Scroope Terrace
Cambridge CB2 1PX
England
Tel +44 (0) 1223 332958/9
Fax +44 (0) 1223 332960
e-mail pc207@hermes.cam.ac.uk

Initiating Editorial Board

Bob Allies, Allies and Morrison, London, England
John Berry, Ove Arup and Partners, London,
England
Florian Beigel, Architecture Research Unit, University
of North London, England
Peter Blundell Jones, School of Architectural
Studies, University of Sheffield, England
Dean Hawkes, Welsh School of Architecture,
University of Wales College of Cardiff, Wales
M. J. Long, Long and Kentish, London, England
Sergio Los, IUAV, Venice, Italy
John Macarthur, Department of Architecture,
University of Queensland, St. Lucia, Australia
William Mitchell, MIT, Cambridge, Massachusetts,
USA
Juhani Pallasmaa, Otaniemi University, Helsinki,
Finland
Roderigo Perez d'Arce, The Catholic University,
Santiago, Chile
Sam Price, Price and Myers, London, England
Paul Richens, Department of Architecture, University
of Cambridge, England
Julian Roberts, University of Munich, Germany
Andrew Saint, University of Cambridge, England
Philip Tabor, Bartlett School of Architecture, Building,
Environmental Design and Planning, University
College, London, England
Robert Tavernor, School of Architecture and Civil
Engineering, University of Bath, England
Mark Whitby, Whitby and Bird, London, England
John Worthington, Institute of Advanced
Architectural Studies, University of York, England

arq (Architectural Research Quarterly) is published
four times a year by Emap Construct, 151 Rosebery
Avenue, London EC1R 4QX, England.

Tel +44 (0) 171 505 6725
Fax +44 (0) 171 505 6701

Annual Subscription
Special launch rates (for 4 issues),
Personal rates
£45 (Europe), £55 (rest of world), \$70 (Americas).
Institutional rates
£89 (Europe), £99 (rest of world) and \$110
(Americas).
Send orders with cheque payable to Emap Business
Communications or with credit card account
details to:
arq subscriptions
Emap Construct
151 Rosebery Avenue
London EC1R 4QX
England
Tel +44 (0) 171 505 6616
Fax +44 (0) 171 505 6610
e-mail mikea@construct.emap.co.uk

Liaison Editor Jane Taylor
Art Editor Terry Howe
Circulation/Marketing Manager Mike Aplin
Marketing Director Rowan Crowley
Publishing Director Peter Davey
Managing Director Tim Brooks
Reproduction by ITM Graphics, London
Printed in the UK by Cradley Print Ltd

arq (Architectural Research Quarterly) is published by
Emap Construct, a part of
Emap Business Communications Limited,
151 Rosebery Avenue
London EC1R 4QX

An Emap Business Publication
Copyright © 1996
ISSN 1359-1355

contents

leader	Building on experience	4
letters	The two Scharouns	6
issues	Architecture: functional approach or the case for user research William Fawcett	8
design	Building constructs: Richard Murphy Architects Charles Rattray	16
documents	Jan Gezelius 'A springboard to something better...' Interview with Claes Caldenby and Åsa Walldén	28
theory	C. R. Mackintosh: the symbolic geometry of The Hill House Eleanor Gregh	40
environment	Climatic responsive atrium design in Europe Dennis Ho	64
construction	Cantilevered staircases Sam Price	76
reviews	<i>S, M, L, XL (Small, Medium, Large, Extra Large)</i> reviewed by Florian Beigel and Irénée Scalbert	88
	<i>The Other Tradition of Modern Architecture: The Uncompleted Project</i> reviewed by Julian Roberts	92
	<i>Sources of Architectural Form: a Critical History of Western Design Theory</i> reviewed by Nicholas Ray	93
	<i>The Environmental Tradition: Studies in the Architecture of Environment</i> reviewed by Max Fordham	95

Cover image, the Tulip Stair, the Queen's House, Greenwich, London by Inigo Jones
pp.76-87 reproduced by permission of the National Maritime Museum, London
A subscription form can be found on page 39 of this issue