

Cambridge University Press

0521827213 - The Mountain Pass Theorem: Variants, Generalizations and Some Applications

Youssef Jabri

Copyright Information

[More information](#)

ENCYCLOPEDIA OF MATHEMATICS AND ITS APPLICATIONS

The Mountain Pass Theorem

Variants, Generalizations and Some Applications

YOUSSEF JABRI

University of Oujda, Morocco



CAMBRIDGE
UNIVERSITY PRESS

Cambridge University Press

0521827213 - The Mountain Pass Theorem: Variants, Generalizations and Some Applications

Youssef Jabri

Copyright Information

[More information](#)

PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE
The Pitt Building, Trumpington Street, Cambridge, United Kingdom

CAMBRIDGE UNIVERSITY PRESS
The Edinburgh Building, Cambridge CB2 2RU, UK
40 West 20th Street, New York, NY 10011-4211, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
Ruiz de Alarcón 13, 28014 Madrid, Spain
Dock House, The Waterfront, Cape Town 8001, South Africa
<http://www.cambridge.org>

© Youssef Jabri 2003

This book is in copyright. Subject to statutory exception
and to the provisions of relevant collective licensing agreements,
no reproduction of any part may take place without
the written permission of Cambridge University Press.

First published 2003

Printed in the United States of America

Typeface Times New Roman PS 10/12.5 pt. *System* L^AT_EX 2_ε [TB]

A catalog record for this book is available from the British Library.

Library of Congress Cataloging in Publication Data

Jabri, Youssef, 1970

The mountain pass theorem : variants, generalizations and some applications / Youssef Jabri.

p. cm. – (Encyclopedia of mathematics and its applications)

Includes bibliographical references and index.

ISBN 0-521-82721-3

1. Mountain pass theorem. 2. Critical point theory (Mathematical analysis)
3. Hamiltonian systems. 4. Variational principles. 5. Variational inequalities.
6. Maxima and minima. 7. Nonsmooth optimization. I. Title. II. Series.

QA614.7.J33 2003

515'.64–dc21

2003043597

ISBN 0 521 82721 3 hardback