

**CAMBRIDGE MONOGRAPHS ON
MATHEMATICAL PHYSICS**

General editors: P. V. Landshoff, S. Weinberg, D. W. Sciama and W. H. McCrea

**QUARKS, GLUONS
AND LATTICES**

This title, first published in 1983, has been reissued as an Open Access publication on Cambridge Core.

QUARKS, GLUONS AND LATTICES

MICHAEL CREUTZ

Brookhaven National Laboratory



CAMBRIDGE
UNIVERSITY PRESS



Shaftesbury Road, Cambridge CB2 8EA, United Kingdom
One Liberty Plaza, 20th Floor, New York, NY 10006, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India
103 Penang Road, #05–06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of Cambridge University Press & Assessment,
a department of the University of Cambridge.

We share the University's mission to contribute to society through the pursuit of
education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781009290388

DOI: [10.1017/9781009290395](https://doi.org/10.1017/9781009290395)

© Michael Creutz 2022

This work is in copyright. It is subject to statutory exceptions and to the provisions
of relevant licensing agreements; with the exception of the Creative Commons version the
link for which is provided below, no reproduction of any part of this work may take
place without the written permission of Cambridge University Press.

An online version of this work is published at doi.org/10.1017/9781009290395 under a
Creative Commons Open Access license CC-BY-NC-ND 4.0 which permits re-use,
distribution and reproduction in any medium for non-commercial purposes providing
appropriate credit to the original work is given. You may not distribute derivative works
without permission. To view a copy of this license, visit
<https://creativecommons.org/licenses/by-nc-nd/4.0>

All versions of this work may contain content reproduced under license from third parties.
Permission to reproduce this third-party content must be obtained from these third-parties directly.

When citing this work, please include a reference to the DOI [10.1017/9781009290395](https://doi.org/10.1017/9781009290395)

First published 1983

Reissued as OA 2022

A catalogue record for this publication is available from the British Library.

ISBN 978-1-009-29038-8 Hardback

ISBN 978-1-009-29037-1 Paperback

Cambridge University Press & Assessment has no responsibility for the persistence
or accuracy of URLs for external or third-party internet websites referred to in this
publication and does not guarantee that any content on such websites is, or will remain,
accurate or appropriate.