

**HOW TO DRAW A  
STRAIGHT LINE: A  
LECTURE ON LINKAGES;  
NATURE SERIES**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649320400

How to draw a straight line: a lecture on linkages; Nature Series by A. B. Kempe

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.  
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

[www.triestepublishing.com](http://www.triestepublishing.com)

**A. B. KEMPE**

**HOW TO DRAW A  
STRAIGHT LINE: A  
LECTURE ON LINKAGES;  
NATURE SERIES**





HOW TO DRAW A STRAIGHT LINE;

A

LECTURE ON LINKAGES.



NATURE SERIES. ✓

# HOW TO DRAW A STRAIGHT LINE;

A

LECTURE ON LINKAGES.

BY

A. B. KEMPE, B.A.,

OF THE INNER TEMPLE, ESQ. ;  
MEMBER OF THE COUNCIL OF THE LONDON MATHEMATICAL SOCIETY ;  
AND LATE SCHOLAR OF TRINITY COLLEGE, CAMBRIDGE.

WITH NUMEROUS ILLUSTRATIONS.

London :

MACMILLAN AND CO.

1877.

[The Right of Translation and Reproduction is Reserved.]

LONDON:  
R. CLAY, SONS, AND TAYLOR, PRINTERS,  
BREAD STREET HILL,  
QUEEN VICTORIA STREET.



Des

TJ182  
K4

### NOTICE.

THIS Lecture was one of the series delivered to science teachers last summer in connection with the Loan Collection of Scientific Apparatus. I have taken the opportunity afforded by its publication to slightly enlarge it and to add several notes. For the illustrations I am indebted to my brother, Mr. H. R. KEMPE, without whose able and indefatigable co-operation in drawing them and in constructing the models furnished by me to the Loan Collection I could hardly have undertaken the delivery of the Lecture, and still less its publication.

7, CROWN OFFICE ROW, TEMPLE,  
*January 16th, 1877.*

M510957



**HOW TO DRAW A STRAIGHT LINE;**

**A**

**LECTURE ON LINKAGES.**