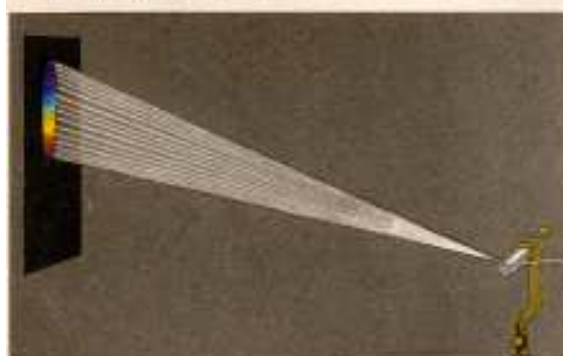


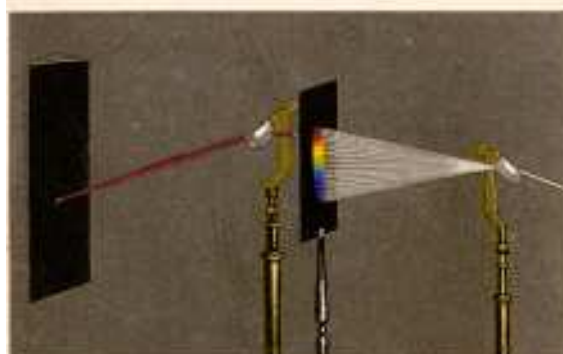
THE WONDERS OF OPTICS.



Spectrum showing the absorptive power of Iodine vapour (Fig 34)



Solar Spectrum (Fig 39)



Action of a prism on a ray of light (Fig 20)

THE  
WONDERS OF OPTICS.

BY  
F. MARION.

TRANSLATED FROM THE FRENCH, AND EDITED BY  
CHARLES W. QUIN, F.C.S.

*ILLUSTRATED WITH SEVENTY ENGRAVINGS ON WOOD,  
AND A COLOURED FRONTISPIECE.*

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## PREFACE.

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THE present work needs but little introduction to the English public. The author, M. F. Marion, who holds a high official scientific position in Paris, is well known all over the Continent as a popular writer on the "Wonders of Optics" and kindred subjects. As a rule, the original text has been strictly adhered to by the Translator, but in a few instances certain anecdotes of a local character have been altered to suit the British reader, or condensed to make room for the chapter on the Spectroscope, which is entirely original.