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THE OPTICS OF PHOTOGRAPHY  
AND  
PHOTOGRAPHIC LENSES.

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THE  
**OPTICS OF PHOTOGRAPHY**  
 AND  
**PHOTOGRAPHIC LENSES**

BY

J. TRAILL TAYLOR

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THIS WORK IS DEDICATED  
(BY PERMISSION)  
TO  
**Captain W. de W. Abney,**  
R.E., C.B., F.R.S., D.C.L., ETC.,  
A VICE-PRESIDENT OF  
THE PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN,  
WHOSE  
VALUABLE AND EXHAUSTIVE  
PHOTO-CHEMICAL EXPERIMENTS, DISCOVERIES, AND WRITINGS  
HAVE LAID THE ART-SCIENCE OF PHOTOGRAPHY UNDER  
A DEEP AND LASTING INDEBTEDNESS  
TO HIM.