

THE

DES CHEMINS DE FER  
DE L'ÉTAT BELGE

CHEMICAL COMPOSITION

AND

CHEMINS DE FER DE L'ÉTAT  
DIRECTION DES VOIES ET TRAVAUX

PHYSICAL PROPERTIES 379

OF

STEEL RAILS.

PAPERS READ BY

DR. CHARLES B. DUDLEY,

AT THE LAKE GEORGE MEETING, OCTOBER, 1878, WITH  
DISCUSSION AT THE BALTIMORE AND PITTSBURGH  
MEETINGS, FEBRUARY AND MAY, 1879.

[FROM VOLUME VII, TRANSACTIONS OF THE AMERICAN  
INSTITUTE OF MINING ENGINEERS.]

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1879.