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T R A C T S  
ON  
MATHEMATICAL  
AND  
PHILOSOPHICAL SUBJECTS;

COMPRISING,  
AMONG NUMEROUS IMPORTANT ARTICLES,  
THE THEORY OF BRIDGES,  
WITH SEVERAL PLANS OF RECENT IMPROVEMENT.

ALSO  
THE RESULTS OF NUMEROUS EXPERIMENTS ON  
THE FORCE OF GUNPOWDER,  
WITH APPLICATIONS TO  
THE MODERN PRACTICE OF ARTILLERY.

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IN THREE VOLUMES.  
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