

PROCEEDINGS  
OF THE  
EDINBURGH  
MATHEMATICAL SOCIETY.

---

VOLUME XVII.

---

SESSION 1898-99.

Reprinted with permission of  
Edinburgh Mathematical Society  
by  
**KRAUS REPRINT LTD**  
Nendeln, Liechtenstein  
1966

PROCEEDINGS  
OF THE  
EDINBURGH  
MATHEMATICAL SOCIETY.

---

VOLUME XVII.

---

SESSION 1898-99.

Reprinted with permission of  
Edinburgh Mathematical Society  
by  
KRAUS REPRINT LTD  
Nendeln, Liechtenstein  
1966

**Printed in Germany**

## I N D E X.

	PAGE
<b>BURGESS, J. R.</b>	
On Wireless Telegraphy and High Potential Currents [Title], - - - - -	69
<b>DISCUSSION on "The Treatment of Proportion in Elementary Mathematics" [Title], - - - - -</b>	69
<b>GIBSON, Professor.</b>	
Vorlesungen über Geschichte der Mathematik, von Moritz Cantor. Dritter (Schluss) Band, Dritte Abtheilung, 1727-1758.	
A Review: with special reference to the <i>Analyst</i> Controversy, - - - - -	9
<b>LFAU, M. L.</b>	
"La Perspective d'une Conique est une Conique," Démonstration Élémentaire [Title], - - - - -	112
<b>MUIRHEAD, R. F.</b>	
Against Euler's Proof of the Binomial Theorem for Negative and Fractional Exponents, - - - - -	38
Note on Continued Fractions, - - - - -	39
A Proof of the Binomial Theorem when the Exponent is a Positive Integer, - - - - -	42
<b>OFFICE-BEARERS,</b> - - - - -	1
<b>SPRAGUE, Dr.</b>	
On the Eight Queens Problem, - - - - -	43

<b>STEGGALL, Professor.</b>		
On a Problem of Lewis Carroll's [Title],	-	68
<b>TAIT, Professor,</b>		
Centrobaric Spherical Surface Distribution,	-	68
<b>THIED, J. A.</b>		
Systems of Circles analogous to Tucker Circles,	-	70
Systems of Conics connected with the Triangle,	-	99
Systems of Spheres connected with the Tetrahedron,	-	108
<b>THOMSON, W. I.</b>		
Geometrical Theory of the Hyperbolic Functions,		2
<b>TWEEDIE, C.</b>		
Note on the Inequality Theorems that lead up to the Exponential Limit $\lim_{x=\infty} \left(1 + \frac{1}{x}\right) = e,$	-	33