PROCEEDINGS

OF THE

EDINBURGH MATHEMATICAL SOCIETY.

VOLUME III

SESSION 1884-85

Reprinted with permission of Edinburgh Mathematical Society by KRAUS REPRINT LTD Vaduz

Printed in Germany

INDEX.

ALOVANDED DOWN	PAGE
ALEXANDER, PETER.	10
Failing Cases of Fourier's Double-Integral Theorem,	. 12
Boole's and other proofs of Fourier's Double-Integra	
Theorem,	. 45
Note on two definite integrals, [Title]	. 70
Alison, John.	
The so-called Simson line,	. 77
Allardice, R. E.	
Radical Axes in Spherical Geometry,	. 59
On a number of concurrent spheres,	. 118
• • •	
BELL, N. D. BEATSON.	
Mnemonic for the roots of a quadratic equation,	. 107
CHREE, CHARLES.	
On the form in polar co-ordinates of certain expression	ıs
occurring in Elastic Solids and in Hydrodynamics,	. 109
CHRYSTAL, Professor.	
· · · · · · · · · · · · · · · · · · ·	
On the problem to construct the minimum circle enclo	
ing n given points in a plane,	. 30
On certain formulæ for Repeated Differentiation,	. 94
On a method for obtaining the differential equation to a	
Algebraical Curve,	. 95
DALLAS, ROBERT JOHN.	
Solution of a problem,	. 41
Notes on the method of Orthogonal Projection,	115
Fraser, A. Y.	
On the number of conditions determining geometric	
figures,	. 22
GIBSON, GEORGE A.	
Gilbert's method of treating Tangents to Confocal Con	i-
coids,	. 61

			PAGE
Mackay, J. S.			
The Shoemaker's Knife, (The "Arbelos")		•	2
Geometrical Notes,			3 8
Schooten's Geometry of the Rule, [Title].			70
The so-called Simson line,			105
Mnemonics for π , $\frac{1}{\pi}$, e , .		•	105
Muir, Thomas.			
Note on a Function of two Integral Argume	ents,		19
Note on the equation connecting the mutua	l distance	s of	
four points in a plane,			34
Note on the Integration of $x^m(a+bx^n)^p dx$,			100
Historical note on the so-called Simson Line	a		104
Theorems on three mutually tangent circles		58	3, 119
Office-Bearers,			1
PEDDIE, WILLIAM.			
Reflected Rainbows, [Title]			58
Sprague, T. B.			
Note on the evaluation of functions of the	form 0°,		70
TAIT, Professor.			
Note on a Plane Strain,	•		42
Summation of certain Series			107