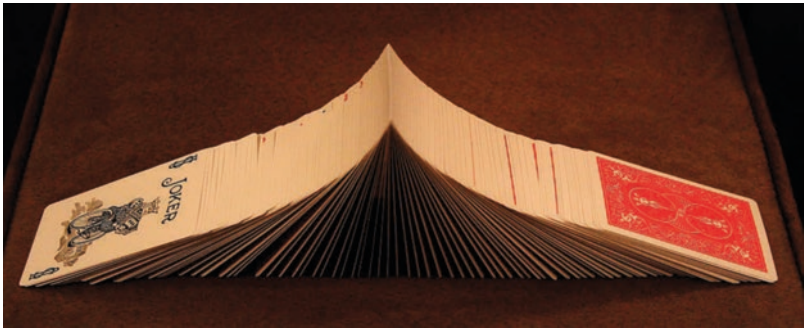
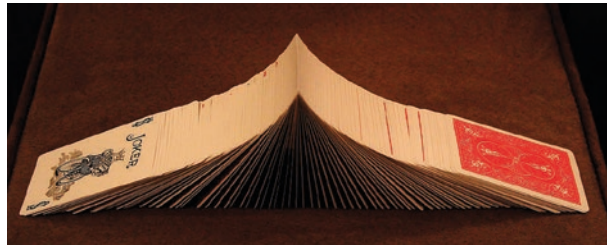




The Mathematical Gazette



The intriguing mechanics of a tractrix of cards

Volume 106
Number 566
July 2022

MATHEMATICAL ASSOCIATION



Supporting mathematics in education

THE MATHEMATICAL ASSOCIATION

£33.00

THE MATHEMATICAL ASSOCIATION

AN ASSOCIATION OF TEACHERS AND STUDENTS
OF ELEMENTARY MATHEMATICS

I hold every man a debtor to his profession, from the which as men of course do seek to receive countenance and profit, so ought they of duty to endeavour themselves by way of amends to be a help and an ornament thereunto.' BACON

THE COUNCIL

PRESIDENT	CHAIR OF COUNCIL
Dr Colin Foster	Mr Tom Roper
IMMEDIATE PAST PRESIDENT	SECRETARY
Dr Chris Pritchard	Dr Paul Harris
PRESIDENT DESIGNATE	TREASURER
Dr Nira Chamberlain, OBE	(Vacancy)

REPRESENTATIVES OF COMMITTEES

BRANCHES	Mrs Cindy Hamill	(Chair)
CONFERENCES	Dr Andy Kemp	(Chair)
MEMBERSHIP	Mrs Jemma Sherwood	(Chair)
PROFESSIONAL DEVELOPMENT	Mrs Sue Southward	(Chair)
PUBLICITY & MEDIA	Mrs Jo Morgan	(Chair)
PUBLICATIONS	Mrs Jill Trinder	(Chair)
TEACHING COMMITTEE	Mr David Miles	(Chair)

EDITOR IN CHIEF Mr Ed Southall

MEMBERS	Miss Stella Dudzic	Miss Cherri Moseley
WITHOUT	Mrs Elizabeth Glaister	Mr Bill Richardson
OFFICE	Mr Sudeep Gokarakonda	Mr Nick Wilson
	Dr Gerry Leversha	

EXECUTIVE OFFICER Ms Sandi Atkinson

EDITORIAL COMMITTEE OF THE MATHEMATICAL GAZETTE

<i>Editor</i>	Dr Gerry Leversha
<i>Production Editor</i>	Mr Bill Richardson
<i>Reviews Editor</i>	Mr Owen Toller
<i>Problems Editors</i>	Mr Nick Lord, Ms Beth Woollacott
<i>Assistant Editors</i>	Mr Tom Roper, Mr Colin Davis, Mr Michael Fox, Mr Graham Howlett, Professor Adam McBride