

ROCKY MOUNTAIN JOURNAL OF MATHEMATICS

Volume 49

2019

Number 2

CONTENTS

On the growth of merges and staircases of permutation classes
BY MICHAEL ALBERT, JAY PANTONE AND VINCENT VATTER 355

The number of convex sets in a product of totally ordered sets
BY BRANDY BARNETTE, WARREN NICHOLS AND TOM RICHMOND 369

Explicit stability tests for linear neutral delay equations using infinite series
BY LEONID BEREZANSKY AND ELENA BRAVERMAN 387

Heron triangles with three rational medians
BY RALPH H. BUCHHOLZ AND ROBERT P. STINGLEY 405

Hadamard star configurations
BY ENRICO CARLINI, MARIA VIRGINIA CATALISANO, ELENA GUARDO
AND ADAM VAN TUYL 419

Rabinowitsch times six
BY PETE L. CLARK 433

The ramification filtration in certain p -extensions
BY CHANDAN SINGH DALAWAT 487

Bounds for the trace of small Salem numbers
BY V. FLAMMANG 493

Influence of mean curvature on mountain-pass solutions for Hardy-Sobolev
equations
BY HASSAN JABER 505

Some identities involving special numbers and moments of random variables
BY TAEKYUN KIM, YONGHONG YAO, DAE SAN KIM,
AND HYUCK-IN KWON 521

The Besicovitch covering lemma and maximal functions
BY STEVEN G. KRANTZ 539

CONTENTS CONTINUED ON LAST PAGE