

Illinois Journal of Mathematics

Volume 64 | Number 3 | September 2020

- 291 **Primality of multiply connected polyominoes**
Carla Mascia, Giancarlo Rinaldo, and Francesco Romeo
- 305 **A minimization problem involving a fractional Hardy–Sobolev type inequality**
Antonella Ritorto
- 319 **Phi, primorials, and Poisson**
Paul Pollack and Carl Pomerance
- 331 **Elliptic problems and holomorphic functions in Banach spaces**
Wolfgang Arendt, Manuel Bernhard, and Marcel Kreuter
- 349 **Local rings with self-dual maximal ideal**
Toshinori Kobayashi
- 375 **Moduli spaces for dynamical systems with portraits**
John R. Doyle and Joseph H. Silverman