

**BULLETIN OF THE BELGIAN
MATHEMATICAL SOCIETY
SIMON STEVIN**

CONTENTS – Vol 27, No 2 (2020)

A. NOUBISSIE – A. TOGBÉ – Z. ZHANG. On the Exponential Diophantine Equation $(a^n - 1)(b^n - 1) = x^2$.	161
N. MONOD. Notes on functions of hyperbolic type.	167
T. H. DE FREITAS – V. H. JORGE PÉREZ. On Shifted Principles of Generalized Local Cohomology Modules.	203
X.-S. PENG – Y. ZHANG – X.GAO – Y.-F. LUO. Left counital Hopf algebras on bi-decorated planar rooted forests and Rota-Baxter systems.	219
H.-X. CHEN – Y. ZHANG. Reconstruction of tensor categories from their structure invariants.	245
N. D. VERHULST. G -valuations and G -valuation rings.	281
J. ZHOU. Critical Fujita Exponent for the Porous Medium Equation in \mathbb{R}^N with hole.	299

TRANCHE
BULLETIN OF THE BELGIAN MATHEMATICAL SOCIETY – SIMON
STEVIN 27 (2020), 161–320