



'Islamic geometric patterns'.  
Retrieved from: <https://www.kisscc0.com/clipart/islamic-geometric-patterns-islamic-art-islamic-arc-szgj7/>

#### Editor-in-Chief

Alwyn Olivier  
Stellenbosch University (retired),  
South Africa

#### Associate Editors

Anthony Essien  
University of the Witwatersrand,  
South Africa

Faaiz Gierdien  
Stellenbosch University,  
South Africa

Rajendran Govender  
University of the Western Cape,  
South Africa

Dirk Wessels  
Stellenbosch University,  
South Africa

#### Editorial Board

Jill Adler  
University of the Witwatersrand,  
South Africa

Bill Barton  
University of Auckland,  
New Zealand

Marcelo Borba  
São Paulo State University, Brazil

Doug Clarke  
Australian Catholic University,  
Australia

Jeremy Kilpatrick  
University of Georgia, United States  
of America

Gilah Leder  
La Trobe University, Australia

Stephen Lerman  
Southbank University, United  
Kingdom

Frederick Leung  
University of Hong Kong, SAR,  
China

Liora Linchevski  
Hebrew University of Jerusalem,  
Israel

John Malone  
Curtin University, Australia

Andile Mji  
Tshwane University of Technology,  
South Africa

Willy Mwakapenda  
Tshwane University of Technology,  
South Africa

John Olive  
University of Georgia, United States  
of America

David Reid  
University of Bremen, Germany

Paola Valero  
Stockholm University, Sweden

Renuka Viithal  
University of KwaZulu-Natal,  
South Africa

Anne Watson  
Oxford University, United Kingdom

# PYTHAGORAS

ISSN: 1012-2346 (print)  
ISSN: 2223-7895 (online)

## ii Information for Authors and Readers

### Review Article

- 1** Acquiring mathematics as a second language: A theoretical model to illustrate similarities in the acquisition of English as a second language and mathematics

*Maureen Ledibane, Kotie Kaiser, Marthie van der Walt*

### Original Research

- 13** The effects of examination-driven teaching on mathematics achievement in Grade 10 school-based high-stakes examinations  
*Onyumba Okitowamba, Cyril Julie, Monde Mbekwa*
- 23** Metacognitive awareness and visualisation in the imagination: The case of the invisible circles  
*Divan Jagals, Martha van der Walt*
- 33** Affordances for learning linear functions: A comparative study of two textbooks from South Africa and Germany  
*Kathryn Mellor, Robyn Clark, Anthony A. Essien*
- 45** Students' understanding of geometry terminology through the lens of Van Hiele theory  
*Jogymol Alex, Kuttikkattu J. Mammen*
- 53** Teachers' learning and assessing of mathematical processes with emphasis on representations, reasoning and proof  
*Satsope Maoto, Kwena Masha, Lekwa Mokwana*
- 63** Tracking Grade 10 learners' geometric reasoning through folding back  
*Samuel Mabotja, Kabelo Chuene, Satsope Maoto, Israel Kibirige*
- 73** 'Eighteen hands high': A narrative reading of *Animal Farm* from a mathematical perspective  
*Liveness Mwaale, Willy Mwakapenda*
- 83** Mathematical sense-making through learner choice  
*Piera Biccard*
- 92** Conversations in a professional learning community: An analysis of teacher learning opportunities in mathematics  
*Million Chauraya, Karin Brodie*
- 101** Beyond test scores: A framework for reporting mathematics assessment results to enhance teaching and learning  
*Meshack Moloji, Anil Kanjee*
- 115** Exploring teachers' use of technology in teaching and learning mathematics in KwaZulu-Natal schools  
*Odette Umugiraneza, Sarah Bansilal, Delia North*
- 128** **Correction**  
Corrigendum: Metacognitive awareness and visualisation in the imagination: The case of the invisible circles  
*Divan Jagals, Marthie van der Walt*
- 129** **Reviewer Acknowledgement**
- 130** **Guidelines for Authors**