# Proceedings

of the 45<sup>th</sup> conference of the international group for the psychology of mathematics education

July 18-23, 2022

EDITORS Ceneida Fernández / Salvador Llinares Ángel Gutiérrez / Núria Planas

> VOLUME 2 Research Reports (A – H)





Universitat d'Alacant Universidad de Alicante

## Proceedings of the 45<sup>th</sup> Conference of the International Group for the Psychology of Mathematics Education

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#### **Editors:**

Ceneida Fernández Salvador Llinares Ángel Gutiérrez Núria Planas

## Volume 2

**Research Reports** 

A - H



Psychology in Mathematics Education (PME) Conference 18-23 July 2022 Alicante, Spain

Website: https://web.ua.es/pme45

Cite as:

Fernández, C., Llinares, S., Gutiérrez, A., & Planas, N. (Eds.) (2022). *Proceedings of the 45<sup>th</sup> Conference of the International Group for the Psychology of Mathematics Education* (Vol. 2). Alicante, Spain: PME.

Website: https://web.ua.es/pme45

Proceedings are also available on the IGPME website: <u>http://www.igpme.org</u>

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ISBN: 978-84-1302-176-8 Legal Deposit: A 289-2022 ISSN 0771-100X

Printed by Universidad de Alicante.

Logo designed by the Gabinete de Imagen y Comunicación Gráfica (Universidad de Alicante)

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