


# Oriented regular representations of out-valency two for finite simple groups\*

Gabriel Verret 

*Department of Mathematics, University of Auckland, PB 92019, Auckland, New Zealand*

Binzhou Xia <sup>†</sup> 

*School of Mathematics and Statistics, University of Melbourne,  
Parkville, VIC 3010, Australia*

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## Abstract

In this paper, we show that every finite simple group of order at least 5 admits an oriented regular representation of out-valency 2.

*Keywords:* Finite simple group, DRR, ORR.

*Math. Subj. Class. (2020):* 05C25, 05C20, 20B25

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<sup>†</sup>Corresponding author.

*E-mail addresses:* [g.verret@auckland.ac.nz](mailto:g.verret@auckland.ac.nz) (Gabriel Verret), [binzhoux@unimelb.edu.au](mailto:binzhoux@unimelb.edu.au) (Binzhou Xia)

# Orientirane regularne reprezentacije izhodne valence dve končnih enostavnih grup\*

Gabriel Verret 

*Department of Mathematics, University of Auckland, PB 92019, Auckland, New Zealand*

Binzhou Xia <sup>†</sup> 

*School of Mathematics and Statistics, University of Melbourne,  
Parkville, VIC 3010, Australia*

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## Povzetek

V tem članku dokažemo, da vsaka končna enostavna grupa reda najmanj 5 dopušča orientirano regularno reprezentacijo z izhodno valenco 2.

*Ključne besede:* Končna enostavna grupa, DRR, ORR.

*Math. Subj. Class. (2020):* 05C25, 05C20, 20B25

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<sup>†</sup>Kontaktni avtor.

*E-poštna naslova:* [g.verret@auckland.ac.nz](mailto:g.verret@auckland.ac.nz) (Gabriel Verret), [binzhoux@unimelb.edu.au](mailto:binzhoux@unimelb.edu.au) (Binzhou Xia)