We gratefully acknowledge support from
the Simons Foundation and member institutions.

Metric Geometry

New submissions

Submissions received from Wed 5 Aug 20 to Thu 6 Aug 20, announced Fri, 7 Aug 20

- New submissions
- Replacements

[total of 3 entries: **1-3**]
[showing up to 2000 entries per page: fewer | more]

New submissions for Fri, 7 Aug 20

[1] arXiv:2008.02681 [pdf, ps, other]
Title: Quantization coefficients for uniform distributions on the boundaries of regular polygons
Authors: Joel Hansen, Itzamar Marquez, Mrinal K. Roychowdhury, Eduardo Torres
Subjects: Dynamical Systems (math.DS); Metric Geometry (math.MG)

In this paper, we give a general formula to determine the quantization coefficients for uniform distributions defined on the boundaries of different regular m-sided polygons inscribed in a circle. The result shows that the quantization coefficient for the uniform distribution on the boundary of a regular m-sided polygon inscribed in a circle is an increasing function of m, and approaches to the quantization coefficient for the uniform distribution on the circle as m tends to infinity.

Replacements for Fri, 7 Aug 20

[2] arXiv:1906.11480 (replaced) [pdf, ps, other]
Title: Random ball-polytopes in smooth convex bodies
Authors: Ferenc Fodor
Comments: Some statements are modified and some of the arguments are revised
Subjects: Metric Geometry (math.MG); Probability (math.PR)
[3] arXiv:1910.13610 (replaced) [pdf, other]
Title: Geometry of the graphs of nonseparating curves: covers and boundaries
Authors: Alexander J. Rasmussen
Comments: Final version to appear in Geometriae Dedicata
Subjects: Geometric Topology (math.GT); Group Theory (math.GR); Metric Geometry (math.MG)

- New submissions

- Replacements

[total of 3 entries: **1-3**]
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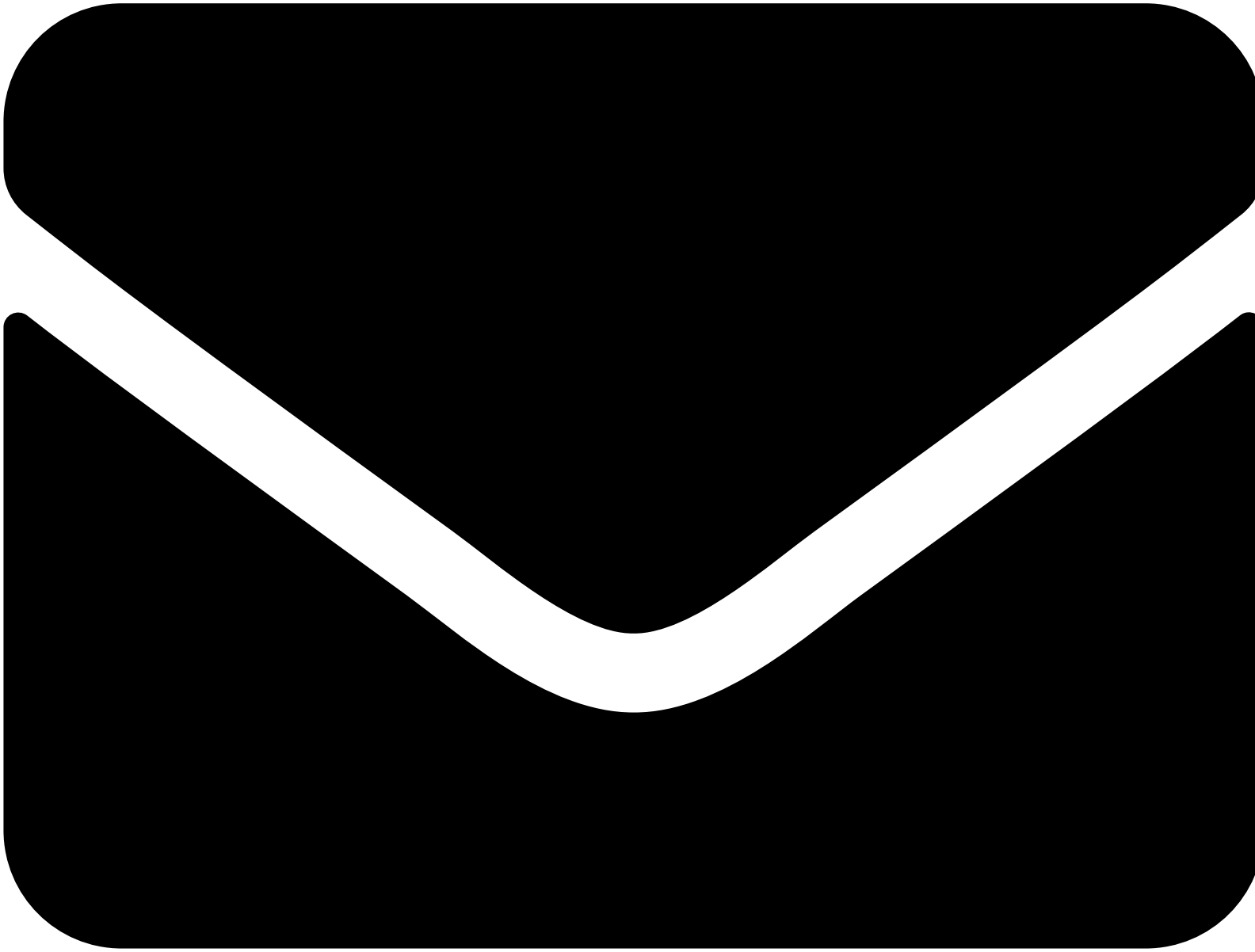

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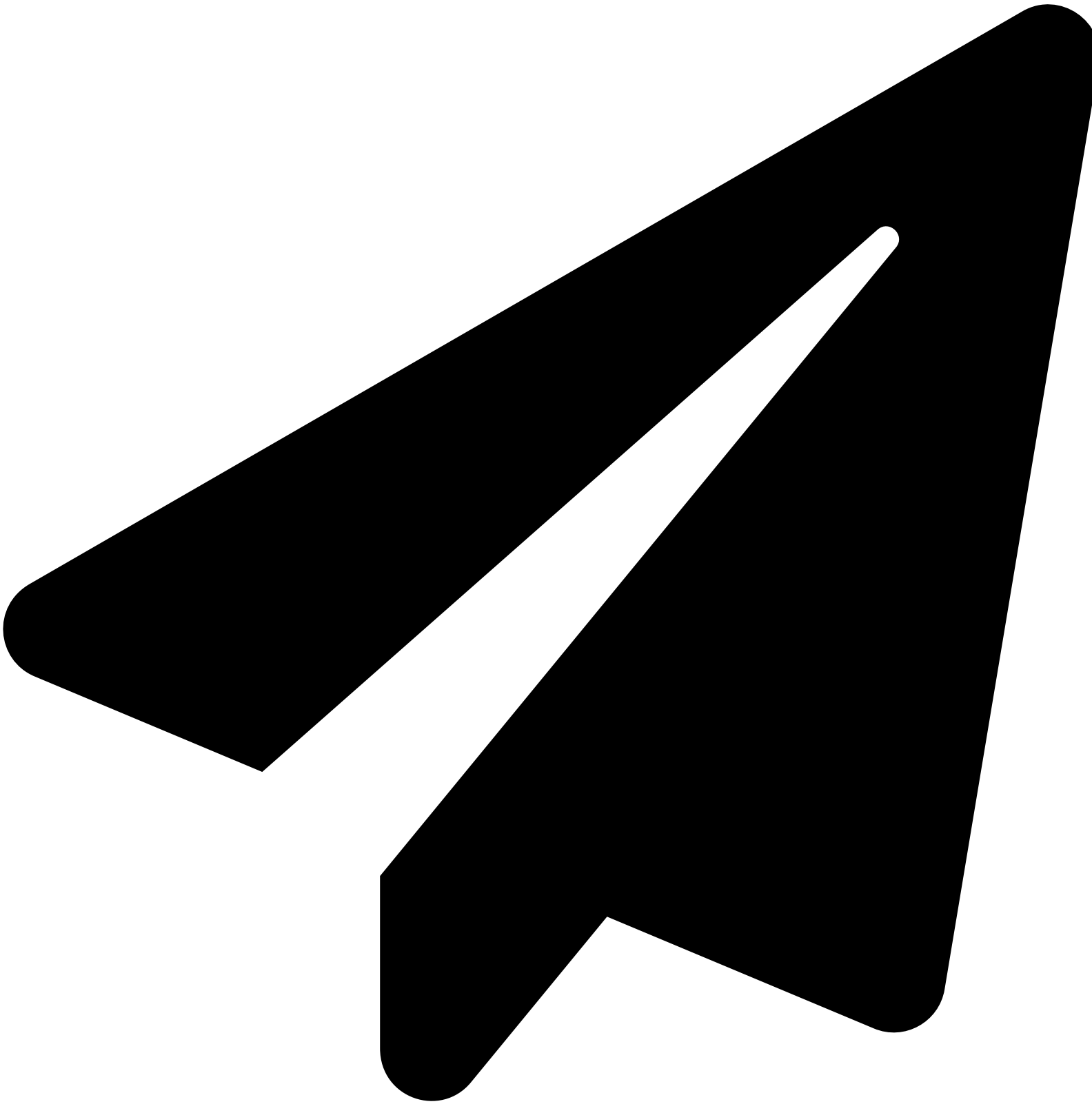

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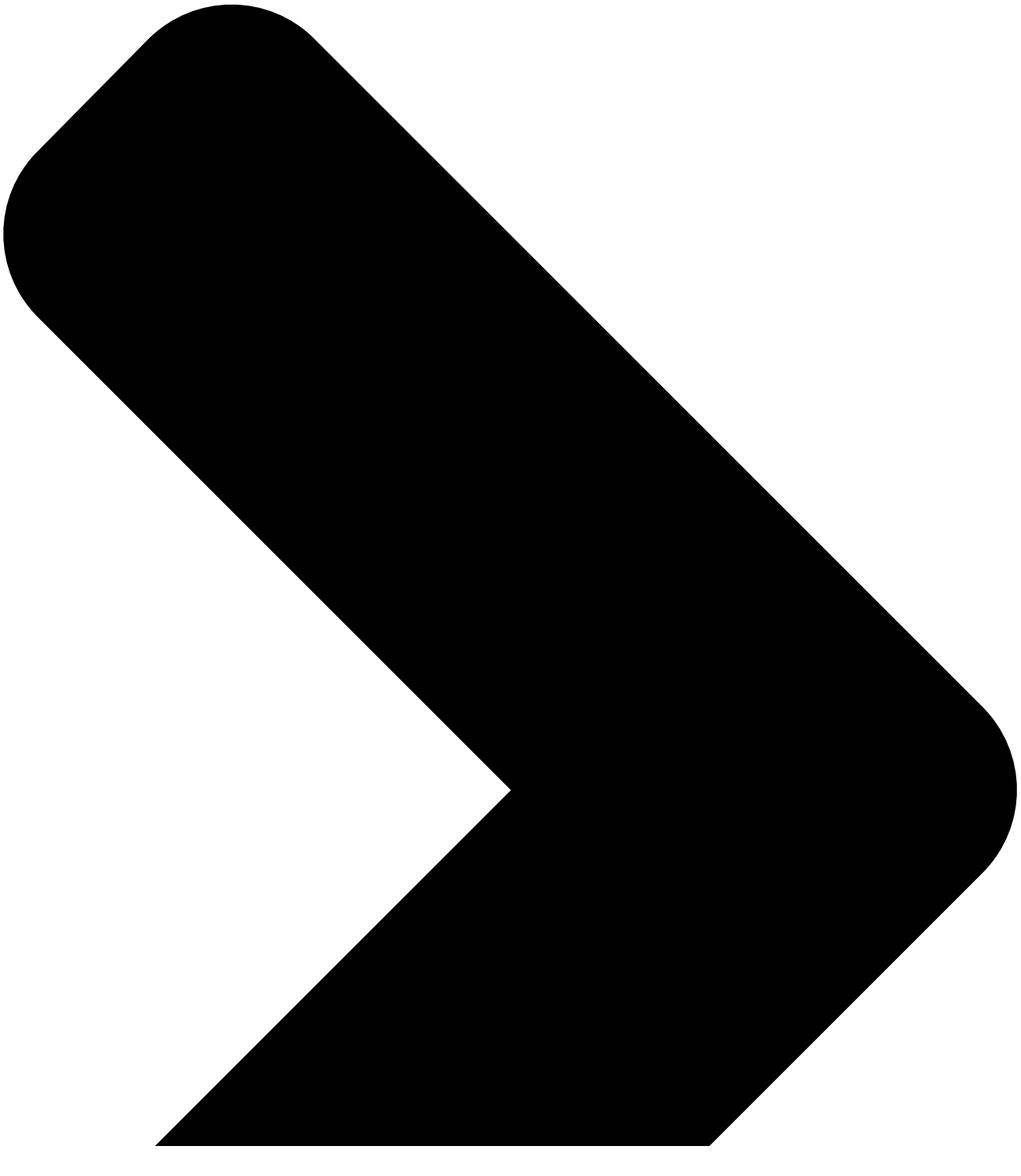

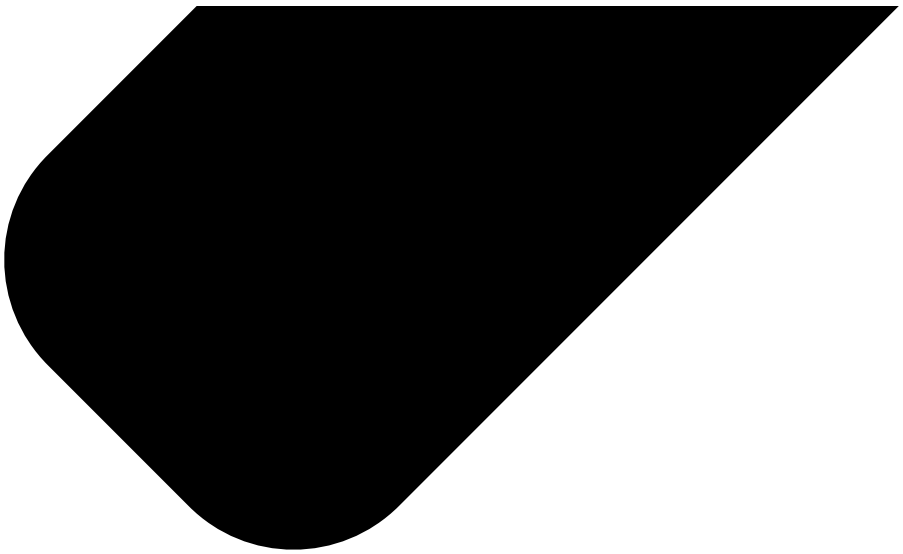

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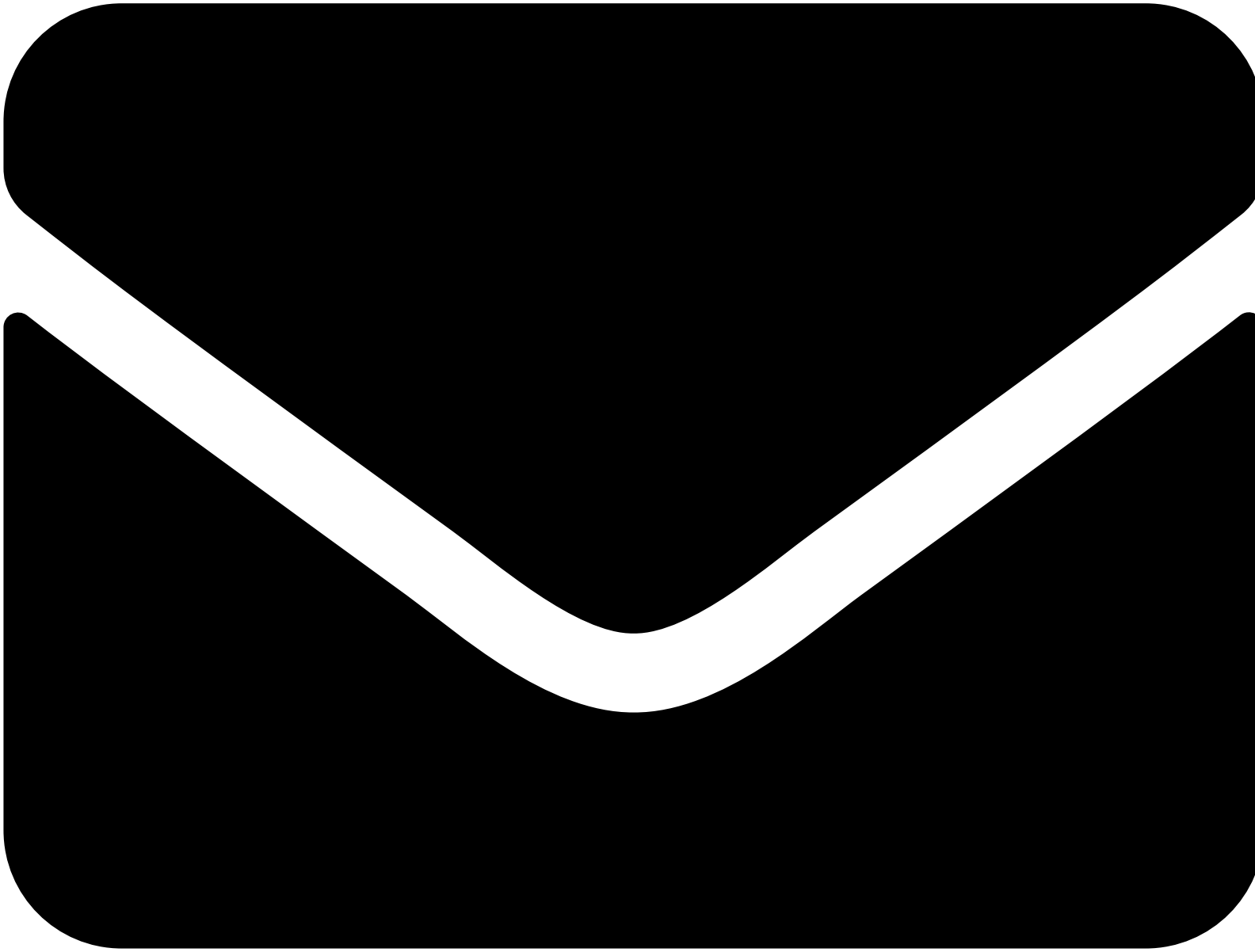

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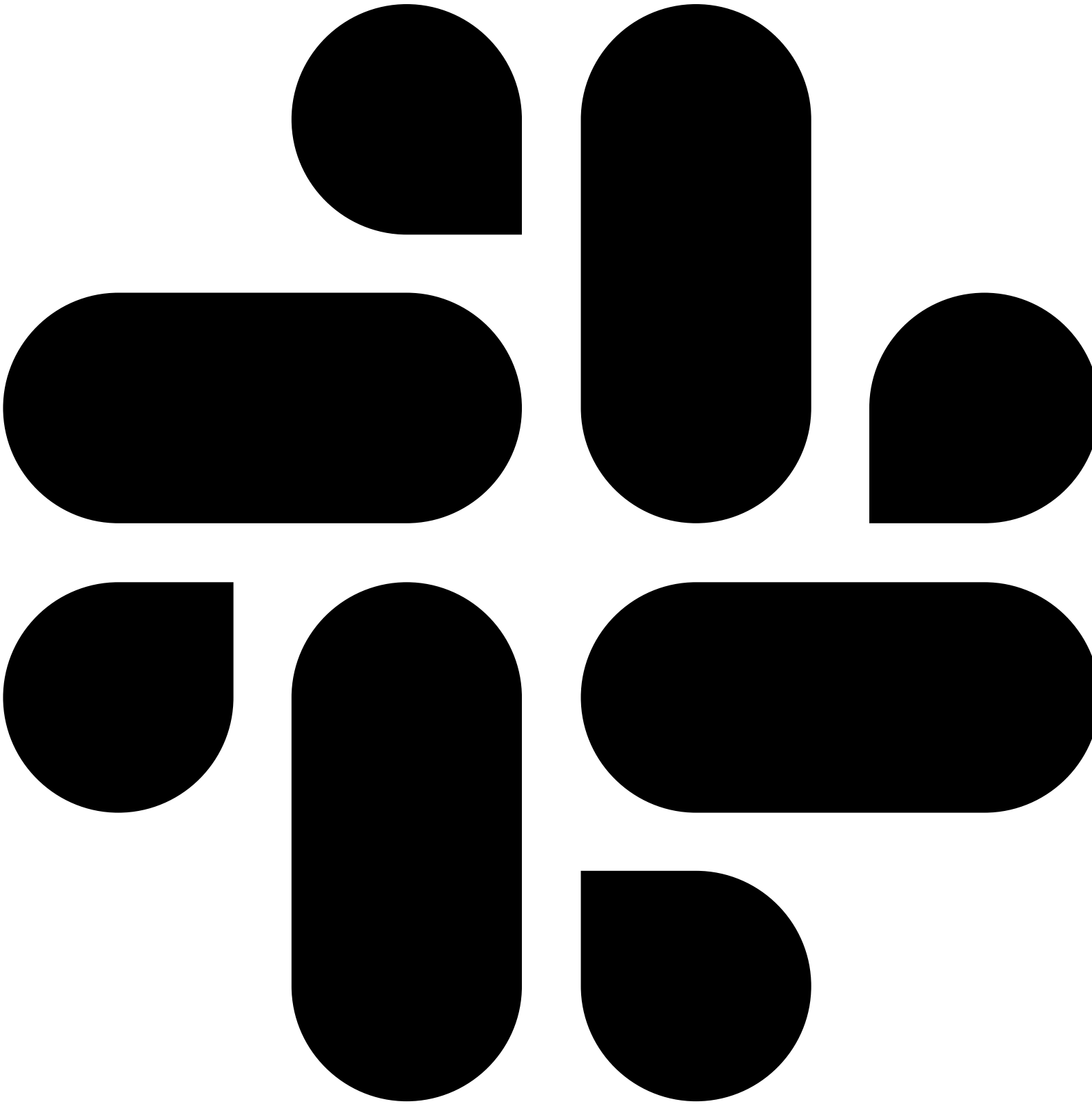

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