

Uncharted Territories in Geometric Engineering

Strings and Geometry 2023 - Philadelphia

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European Research Council
Established by the European Commission

Simons Collaboration on Global Categorical Symmetries

BASED ON:

[1] 2209.10551 w/ LIV, OEHLMANN

[2] 2212.05331 w/ " , "

[3] 2303.xxxxxx w/ " , "

[4] 2303.xxxxxx w/ ACHARYA, HECKMAN,
HÜBNER, TORRES

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[4] 2303.xxxxxx w/ ACHARYA, HECKMAN,
HÜBNER, TORRES

MOSTLY THESE TWO

BASED ON:

→ SEE MUYANG'S TALK

[1] 2 2 0 9 . 1 0 5 5 1 w / LIV , OEHLMANN

[2] 2 2 1 2 . 0 5 3 3 1 w / " , "

[3] 2 3 0 3 . x x x x x w / " , "

[4] 2 3 0 3 . x x x x x w / ACHARYA, HECKMAN,
HÜBNER, TORRES

MOSTLY THESE TWO

COMMERCIALS

COMMERCIALS

- **NORDITA** CATEGORICAL ASPECTS OF SYMMETRIES PROGRAM

CONFERENCE AUG 22-25, 2023

- GCS CONFERENCE + GRADUATE SCHOOL

LES DIABLERET

AUG 27 - SEPT 8, 2023

DETAILS ON: **SCGCS.BERKELEY.EDU**

SIMPLEST

SUSY

SINGULARITIES :

DV VAL

$$x_g^4 = \mathbb{C}^2 / \Gamma_g$$

$$\Gamma_g \subseteq SU(2)$$

$g \in ADE$

MACKEY

CORRESPONDENCE

SIMPLEST SUSY SINGULARITIES: DV VAL

$$x_g^4 = \mathbb{C}^2 / \Gamma_g$$

$$\Gamma_g \subseteq \mathrm{SU}(2)$$

$g \in \mathrm{ADE}$

WELL-KNOWN BUILDING

BLOCKS IN GEOMETRIC

ENGINEERING DICTIONARIES

MACKEY

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WELL-KNOWN BUILDING

BLOCKS IN GEOMETRIC

ENGINEERING DICTIONARIES:

$$M / x_g^4 \equiv 7D \text{ } g\text{-SYM}$$

[SEN 96]

MACKEY

CORRESPONDENCE

SIMPLEST SUSY SINGULARITIES

SIM

SIMPLEST

SIM

SIM

