Preliminary Bibliography: Transformations

Name

Experience with Transformations:

- In MAT 2240: *Introduction to Linear Algebra* we explored matrix transformations in 2-D and 3-D.

- In MAT 3110: *Modern Algebra*, we explored symmetry groups, like the dihedral group, the group S_4 and the symmetries of a cube and tetrahedron.

- In MAT 3610: *Introduction to Geometry* we explored symmetries of the five regular polyhedra.

Prior Progress:
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Recent Scholarly Journal Article:
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Here are in text citations for the preliminary bibliography [2, 3, 4, 5, 6]

Caution: There are special codes for symbols like

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Caution: "2 single left quotes" versus "double quotes on left"

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References

[1] "Connecting People with AmericaÕs Great Outdoors: A Framework for Sustainable Recreation.Ó United States Forest Service USDA, Recreation, Heritage and Volunteer Resources. 25 June 2010. Web. 13 April 2014. `http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb53465` `49.pdf`

[2] Cullen, Charles. *Matrices and Linear Transformations, 2nd edition.* Reading, MA: Addison-Wesley Publishing Company, 1972

[3] Kastrup, Hans A. *On the Advancements of Conformal Transformations and their Associated Symmetries in Geometry and Theoretical Physics.* Annalen der Physik (v. 17/9-10, 2008)

[4] Kleiner, Israel. *A History of Abstract Algebra.* Boston: Birkhauser, 2007

[5] O'Connor, John and Edmund Robertson. "MacTutor History of Mathematics Archive: Mathematics of Transformations." Available online: `https://mathshistory.st-andrews.ac.uk/Darcy/transformation/` (accessed January 2022).

[6] Rosenfeld, Boris Abramovich. *A History of Non-Euclidean Geometry: Evolution of the Concept of a Geometric Space.* New York: Springer, 1988

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