ASSIGNMENT 10

COLTON GRAINGER
MATH 6230 DIFFERENTIAL GEOMETRY

8-22: A general Lie algebra.

8-19: $\mathbf{R}^3$ with the cross-product.

8-20: An isomorphism to $\mathbf{R}^3$ with the cross product.

8-30: The Lie algebras $\mathfrak{su}(2)$ and $\mathfrak{o}(3)$ are isomorphic $\mathbf{R}^3$ with the cross product. What the fuck?

Date: 2019-04-09.