ASSIGNMENT 10 (LIE ALGEBRAS)

COLTON GRAINGER (MATH 6230)

Spent most of my day futzing around on my laptop.

8-22: A general Lie algebra.

8-19: (\mathbf{R}^3, \times) with the cross-product.

8-20: An isomorphism with (\mathbf{R}^3,\times) with the cross product.

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

References

 $Date : 2019 \hbox{-} 04 \hbox{-} 09.$

1