Moctezuma Barona, Itzel; Romero Valencia, Jesús
On the geometrical shape of $\text{SO}_3(\mathbb{R})$. (Spanish) Zbl 1467.22002
Misc. Mat. 69, 75-85 (2019).

The authors have written a nice introduction to the basic concepts of Lie groups. They present as examples the classical groups. They present the exponential map for matrix Lie groups and compute the Lie algebra of the groups they had presented. They carefully study the universal covering group of the orthogonal group in $\mathbb{R}^3$.

Reviewer: Jorge Vargas (Córdoba)

MSC:

22E15 General properties and structure of real Lie groups
17B45 Lie algebras of linear algebraic groups

Keywords:
structure of Lie groups

Full Text: Link

References:


[6] M.

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