

CHAPTER OVERVIEW

2: Algebraic Preliminaries

2.1: Groups

2.2: The geometry of the three-dimensional rotation group. The Rodrigues-Hamilton theorem

2.3: The n -dimensional vector space $V(n)$

2.4: How to multiply vectors? Heuristic considerations

2.5: A Short Survey of Linear Groups

2.6: The unimodular group $SL(n, R)$ and the invariance of volume

2.7: On “alias” and “alibi”. The Object Group

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