Notes on "Finite-Dimensional Vector Spaces" by Paul R. Halmos

September 19, 2022

Each `\section` corresponds to the scope of one member's assignment, and each `\subsection` corresponds to one theorem or exercise in the textbook, specified in the format $m.n$ where m is the section number and n is the theorem/exercise number. If n is not given, we use $n = 1$ instead.

1 Toga (2022/09/19)

1.1 Exercise 1.1

(a) Since addition is commutative, $0+\alpha = \alpha+0$ holds. We also have $\alpha+0 = \alpha$ by definition, hence $0 + \alpha = \alpha$.

2 Mohehe

2.1 Exercise 1.1

(b)

(c)

(d)

(e)

(f)

(g)