Lecture Notes

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Lecture 1

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1.1 Stuf

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Definition 1.1. Let X a set, $+ : X \times X \to X$ and $\vdots k \times X \to X$, such that

- $(X, +)$ is an abilian group,
- for all $\lambda \in k$ and $x, y \in X$,
$$\bullet(k, +(x, y)) = +(\bullet(k, x), \bullet(k, y)).$$

Lecture 2

Definition 2.1. Let X a set, $+ : X \times X \to X$ and $\vdots k \times X \to X$, such that

- $(X, +)$ is an abilian group,
- for all $\lambda \in k$ and $x, y \in X$,
$$\bullet(k, +(x, y)) = +(\bullet(k, x), \bullet(k, y)).$$

Example 2.2. Test

Theorem 2.3. Test

Remark 2.4. Test