Lecture 3 - Set, TFVS

Intro:

Ex: $\{x \in \mathbb{R} : \text{pick } x \text{ closest pick or not}\}$ is not a set.

Ex: $\{x \in \mathbb{R} : \text{pick } x \text{ closest pick or not}\}$ is a set.

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"Set" are sometimes problem.

Above $2^{\mathbb{R}}$ (pick)

Ex: $\mathbb{R}$: algorithm with every real number x pick $\{x\}$ or $\{x\}^c$

$\{x \in \mathbb{R} : \text{pick } x \text{ closest pick or not}\}$ is a set.