

00.000 Pset ?

Miguel Young

Sources: None

- Vect: $\mathbf{v} \ \mathbf{k} \ \mathbf{0} \ \vec{\mathbf{1}}$
- Lie: $\mathfrak{g} \ \mathfrak{su}(3) \ (3)$
- Cal: $\mathcal{C} \ \mathcal{D} \ \mathcal{P}$
- Fld: $\mathbb{A} \ \mathbb{F} \ \mathbb{K}$
- Num: $\mathbb{N} \ \mathbb{Z} \ \mathbb{Q} \ \mathbb{R} \ \mathbb{C}$
- Grk: $\alpha \ \gamma \ \Gamma \ \Omega \ \lambda$
- Cat: **Set Top Grp Cat**
- Delimiters:

– $(par) \left(\begin{bmatrix} 1 \\ 2 \end{bmatrix} \right)$

– $[squ] \left[\begin{bmatrix} 1 \\ 2 \end{bmatrix} \right]$

– $\{cur\} \left\{ \begin{bmatrix} 1 \\ 2 \end{bmatrix} \right\}$

– $|abs| \left| \begin{bmatrix} 1 \\ 2 \end{bmatrix} \right|$

– $\|nor\| \left\| \begin{bmatrix} 1 \\ 2 \end{bmatrix} \right\|$

– $\langle ang \rangle \left\langle \begin{bmatrix} 1 \\ 2 \end{bmatrix} \right\rangle$

– $\{f \mid \varphi\}$

$\mathrm{a} \rightarrow \mathrm{a} / _\mathrm{p}$

Theorem 1. *A tautology is a tautology.*

Theorem. *A tautology isn't a tautology.*

Proof. Actually, not true:

$X \neq \bigcup \mathcal{U}_\lambda$



Exercise 1. Prove $P = NP$

Solution. This is an open problem.



18.701 Pset 2 Problem 1

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Do the thing.

Proof. Yes, I will.

