

Student project

- Duration : 7 - 14 weeks.
- Description. → Milestones, goals.
(Modular)
- Own gitlab repo for student project
- Overleaf. → Project description.
- Slack / Mattermost.

$$\{M, X, T\} \rightarrow 2^3 = 8$$

• 0 0

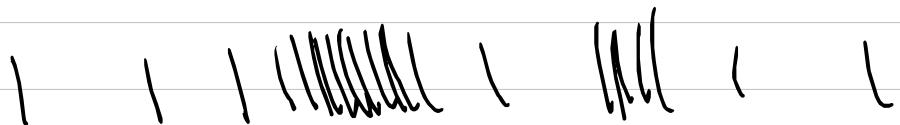
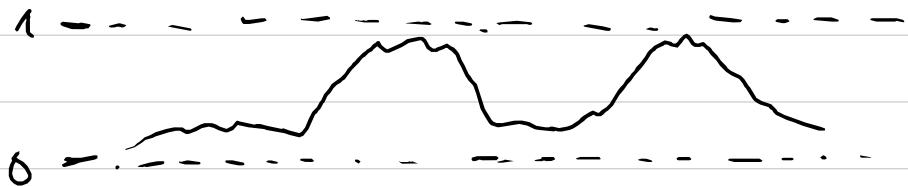
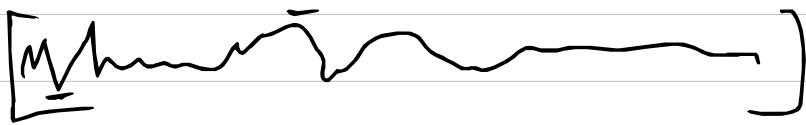
{���} \rightarrow {000}.

$$0 = \{X_0, M_0, T_0\}$$

$$\textcircled{1} = \{X_1, M_0, T_0\} \rightarrow X_1.$$

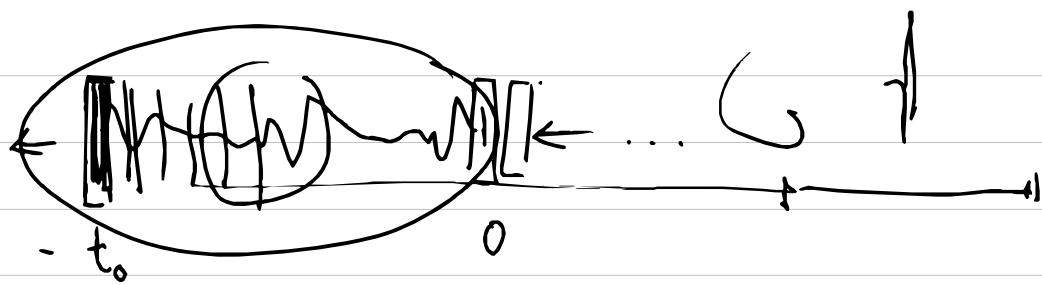
2 =

0	0	0	0
X_0	X_1	X_2	X_3



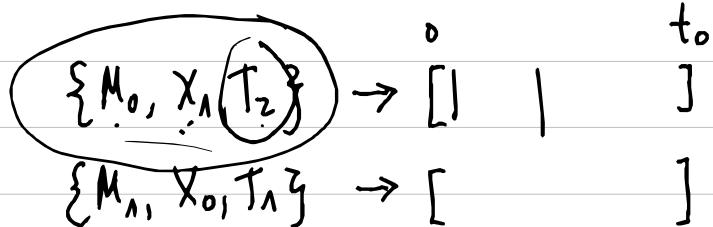
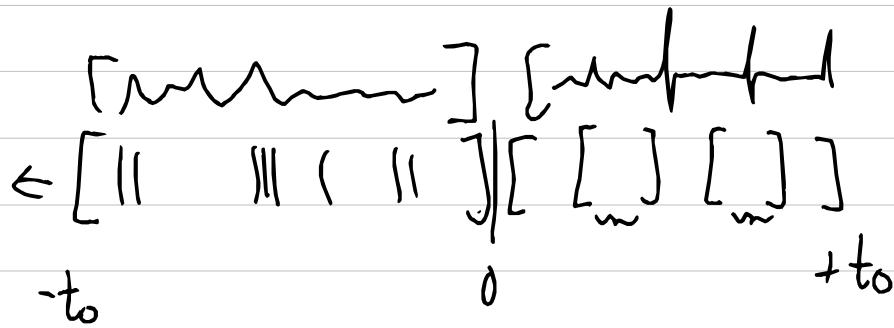
R_{\max} , R_{\min} .





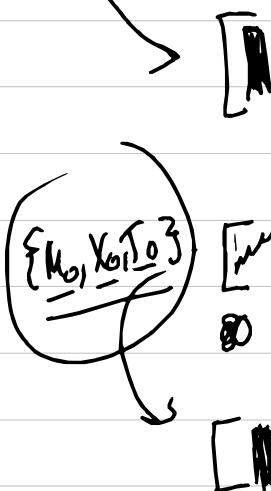
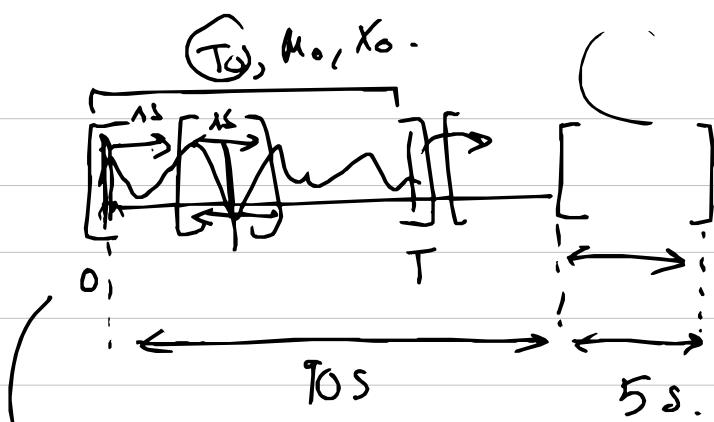
$\{M, X, T\}$

$\{M_0, X_1, T_2\}$.

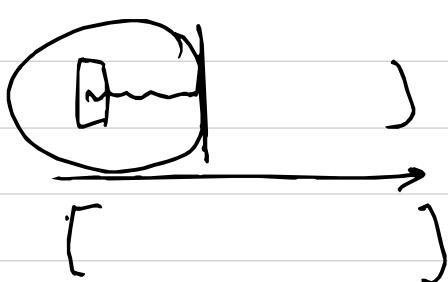
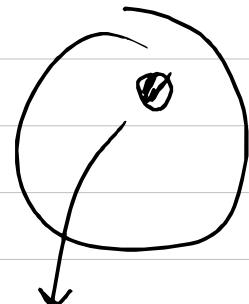
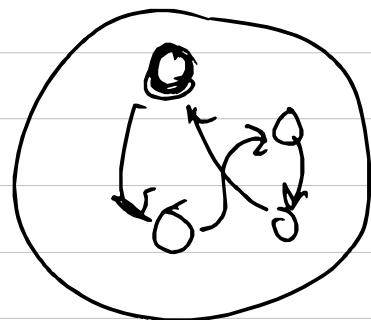


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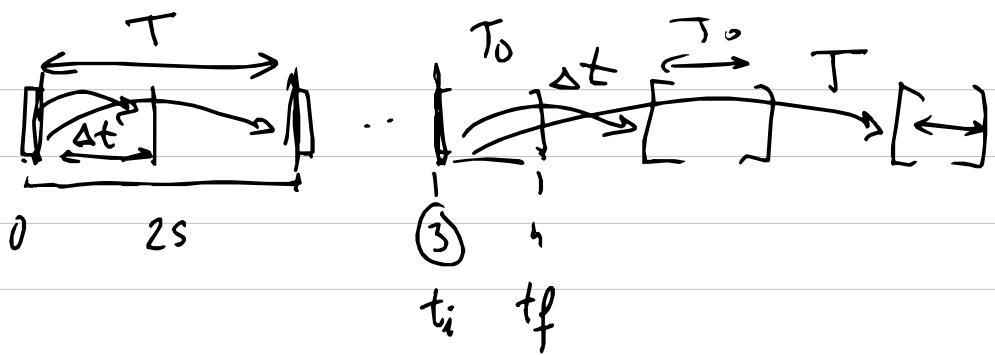
$16 \times 40,000$.



$80 \quad 160$



$0 [\quad]$



$$\boxed{t_i \rightarrow T + (t_f - t_i)}$$

New Cube

$$0 \rightarrow [|| \quad || \quad || \quad ||]$$

$$0 \rightarrow \dots \dots$$

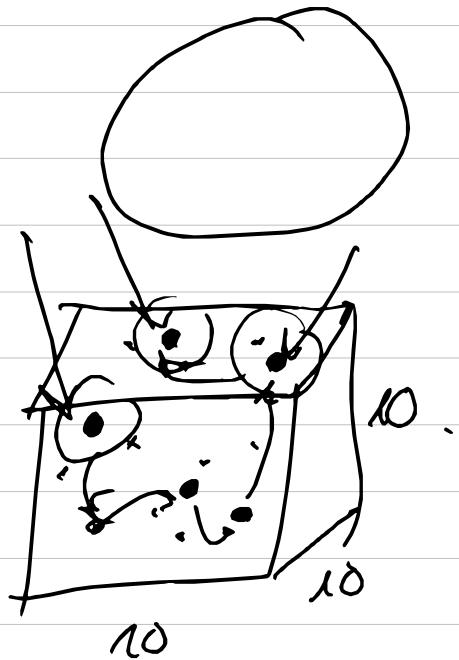
$$0$$

$$0$$

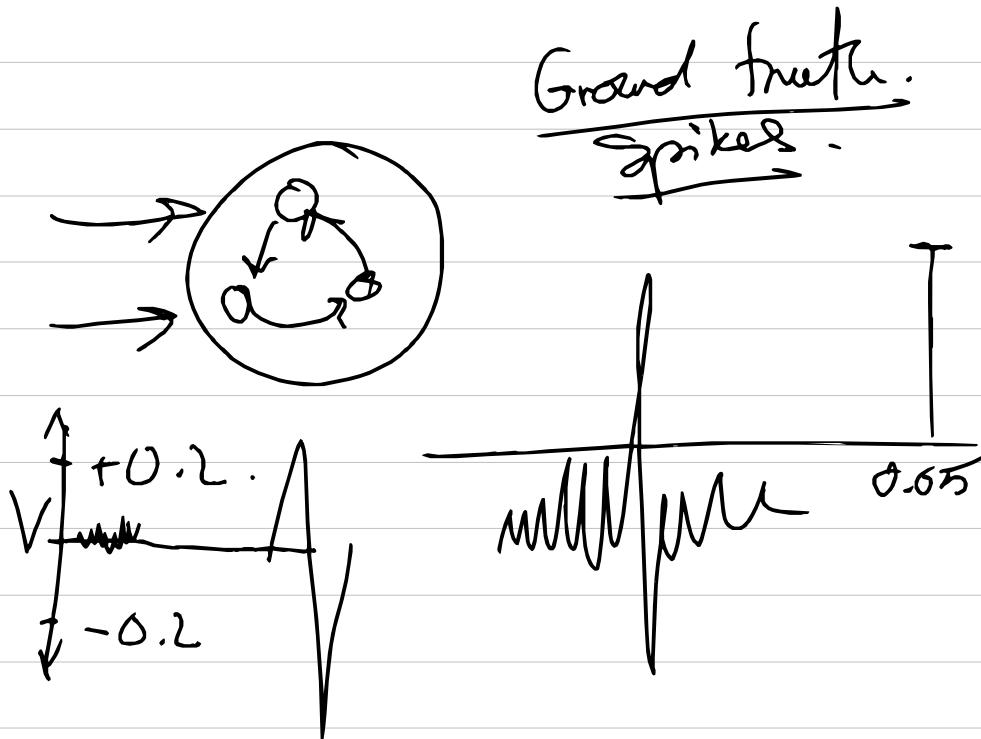
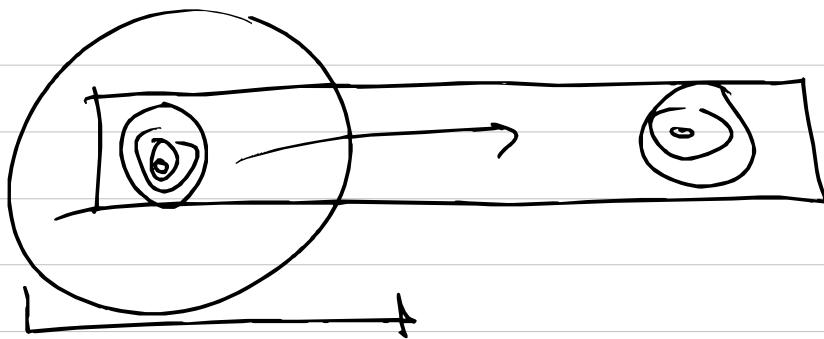
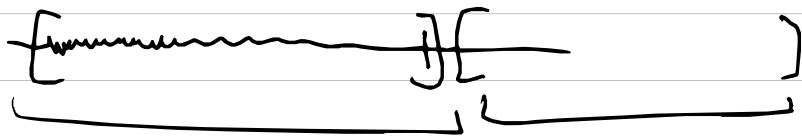
$$0$$

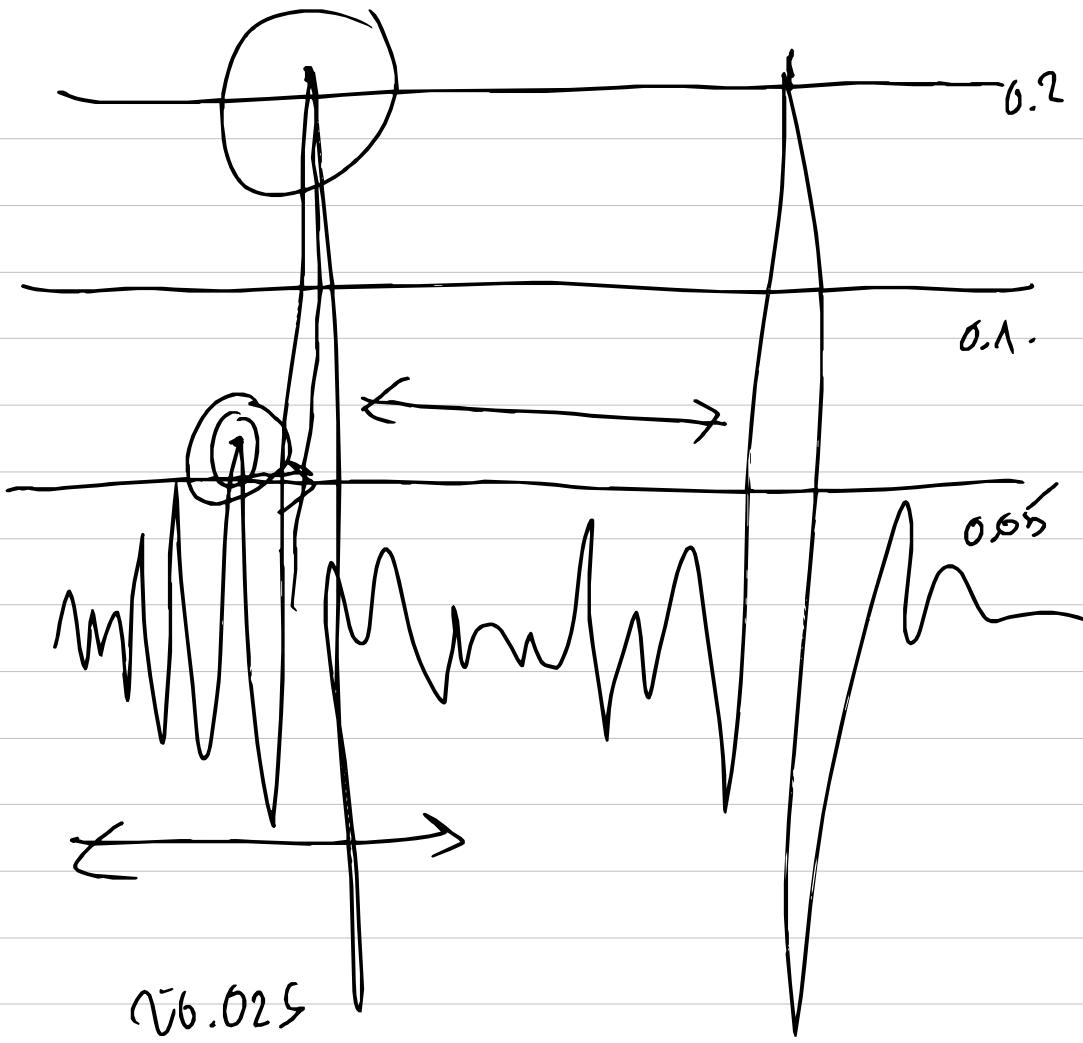
$$0$$

1K

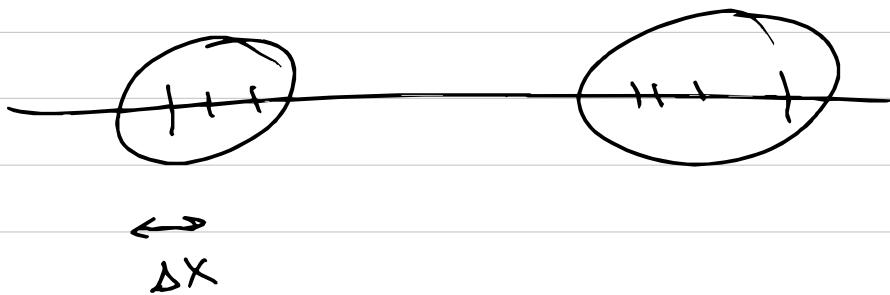


1000 neurons

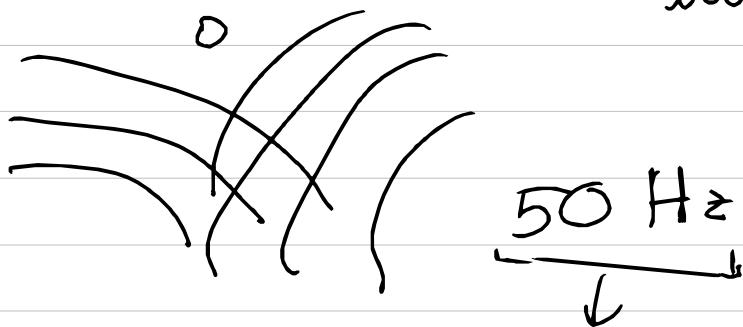




$0.05 \rightarrow$ final products.



$5000 \rightarrow 50$



100s batches.

$\frac{0.0002}{\frac{1}{5000}}$

$\boxed{500 \text{ Hz}}$ and

$\boxed{500}$

$$\underline{\underline{200 \text{ s} \cdot x \cdot 5000}} = \underline{\underline{20,00,000}}$$

29,000 data points in 4 batches.
of 4,000 points.

50 points is 1 s.

$$4s \times 50 = 200 \text{ points per batch.}$$

2M → resampling 50 Hz → 20k.

$$\hookrightarrow 4s \times 50 \rightarrow 200$$

$$\frac{2k}{20} = \underline{\underline{100}}$$

TO DO

1. identify - events → make one
that the points are capture

→ events - per - batch

batch → event

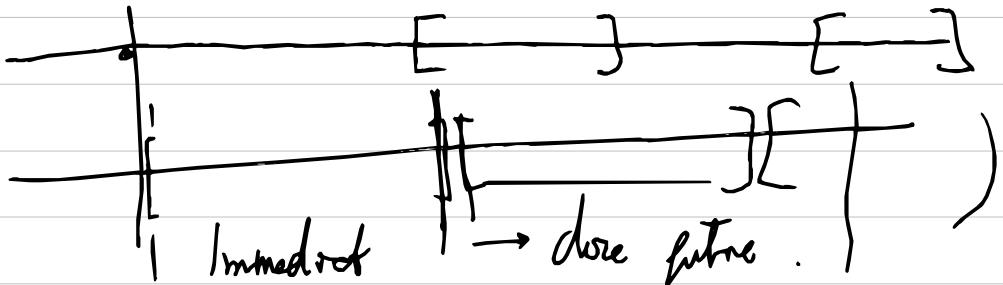
2. generate - grad - truth - sphs.

↳ Based on fine horizon.
take the appropriate batches.

4s batches. → Time horizons:

1. Next Second.

2. From 1s to 4s.





Spine Count

→ 0
0

0

.

0
0

0

0

0

0

0

→

16 × 200