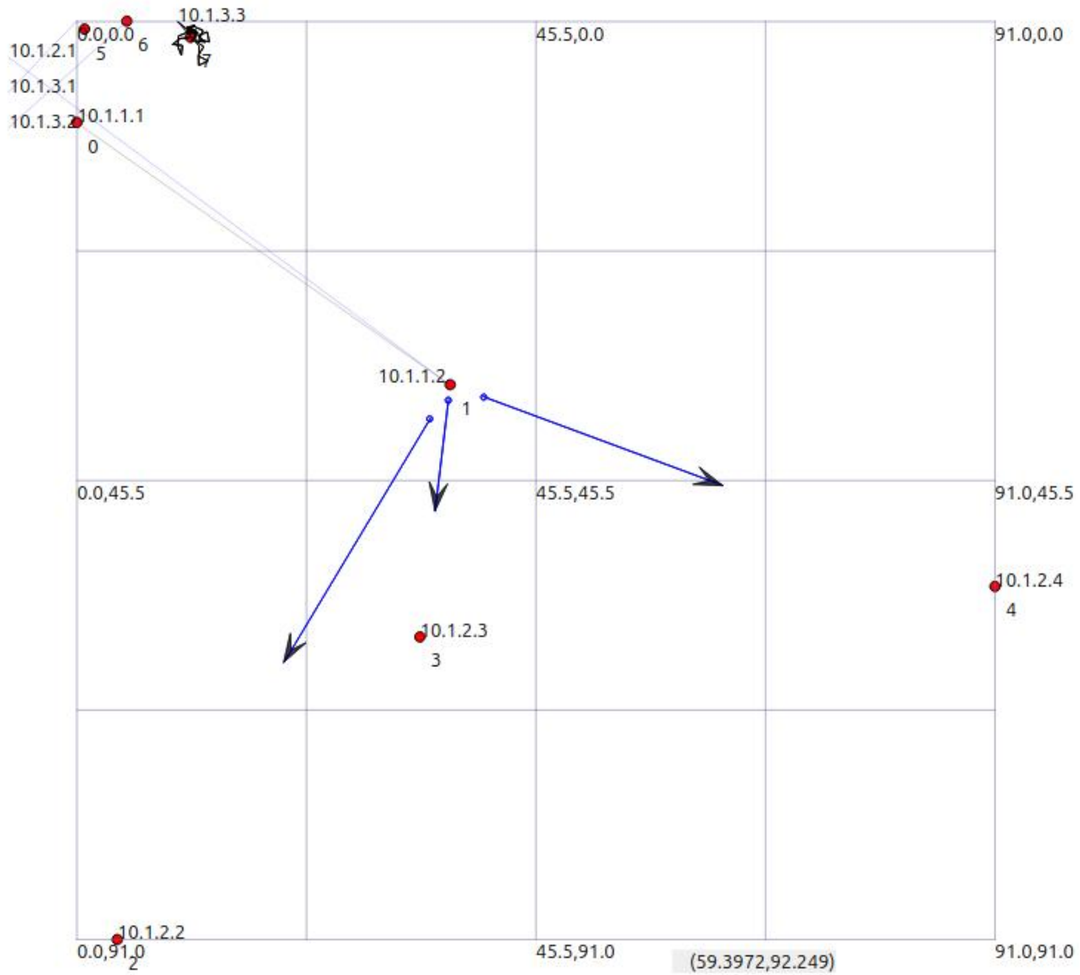
NetAnim

Animator | Stats | Packets

Pause At 65535 | fast | slow | Sim time | 2.009 14661 | # | Lines 5 | Node Size 1 | IP | MAC | T



Node

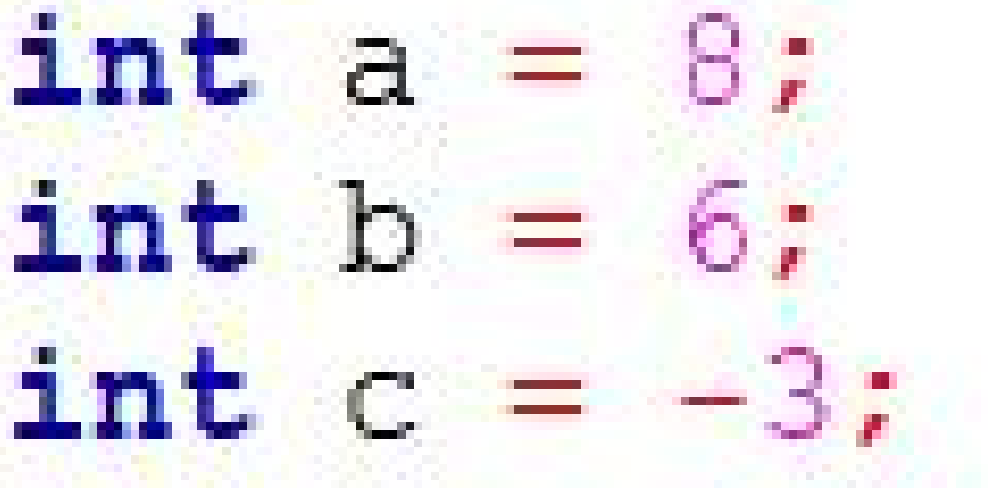
7

Property	Value
Node Id	7
Node System Id	0
Node Description	7
Node Position	
Node X	11,27
Node Y	1,57
Node Color	[255, 0, 0] (255)
Red	255
Green	0
Blue	0
Alpha	255
Node Size	1,00
Node Resource	
Show Node Trajectory	☑ True
Ipv4 Addresses	
10.1.3.3	
127.0.0.1	
Ipv6 Addresses	
::1	

Export Table

	Time	X-Coord	Y-Coord
1	0	10	0
2	0	10	0
3	0.250985	10.7692	0.639036
4	0.624943	11.7262	0.349134
5	0.925209	10.8935	0.902746
6	1.18828	11.8929	0.93761
7	1.59704	10.9437	0.622921
8	1.75	11.0855	1.03565
9	1.94752	11.2687	1.56862
10	2.20344	10.2746	1.67724

```c
int a = 10;
int b = 7;
int min = (a < b) ? a : b;
printf("%d\n",min);
```


int a = 8;
int b = 6;
int c = -3;

```
int a = (1, 2, 3);
printf("%d",a);
```

```
int a;
 (a = 3), 4, 8;
printf("%d", a);
```

```
int a = 3, 4, 8;
printf("%d", a);
```

```
int a = 3, int 4, int 8;
```

```
int a = 3, int 4, int 8;
```

Predložil Google Zverejnené 23. 3. 2023 (5) Pridať kontrolu Hlásenie

Plán Favoriti

Hodnotenie – výsledky

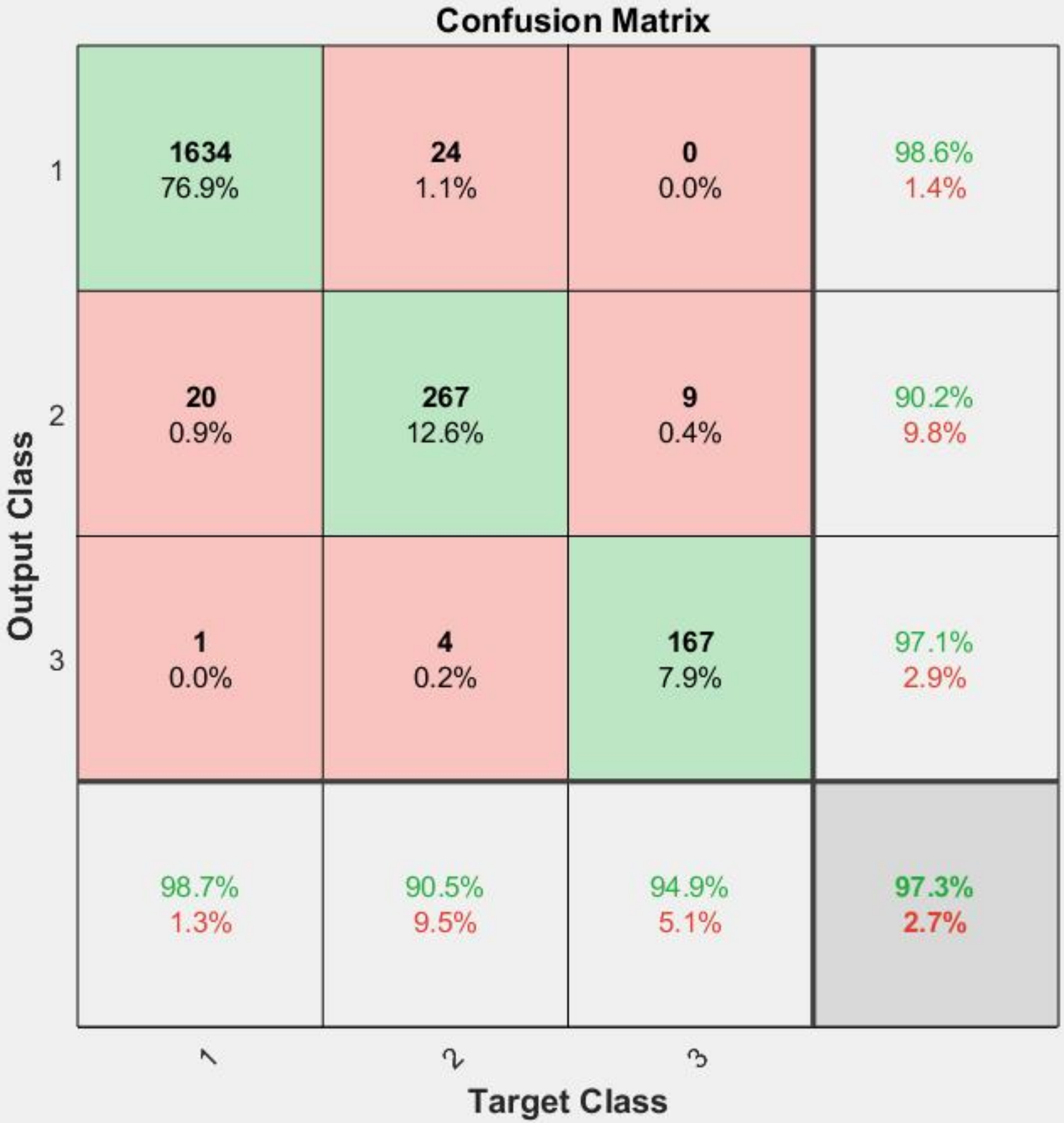
Prospel (100%) z dňa 21. februára 2024

KONTROLA

Všetky inštruktážne lekcie ste úspešne absolvovali. Chcete školenie dokončiť? Absolvujte záverečný test a získajte ocenenie.

Ocenenie budete môcť zdieľať v službe LinkedIn, prípadne budete môcť zmeniť svoj profil Skillshop na verejný a zdieľať tak stránku svojho ocenenia s ostatnými.

```
net = patternnet([50 20]);
```


Confusion Matrix
Output Class
Target Class
1
2
3
1634
76.9%
24
1.1%
0
0.0%
98.6%
1.4%
20
0.9%
267
12.6%
9
0.4%
90.2%
9.8%
1
0.0%
4
0.2%
167
7.9%
97.1%
2.9%
98.7%
1.3%
90.5%
9.5%
94.9%
5.1%
97.3%
2.7%

Najlepší študenti

Kyler Park

By xdodok
1. júna 2024
Cobra Kai

Tory Nichols je nezlomná bojovníčka Cobra Kai, ktorá si cestu na vrchol vybudovala

Read More

Robby Keene

21

$L: \mathbb{R}^3 \to \mathbb{R}^3$ je otočenie o $\frac{2\pi}{3}$ v rovine $x_1 + x_2 + x_3 = 0$

$$A_L = \begin{pmatrix} 0 & 0 & 1 \\ 1 & 0 & 0 \\ 0 & 1 & 0 \end{pmatrix}$$

ortonormálna

$x_1 + x_2 + x_3 = 0 \rightsquigarrow \vec{n} = \begin{pmatrix} 1 \\ 1 \\ 1 \end{pmatrix} \rightsquigarrow \vec{n''} = \begin{pmatrix} \frac{\sqrt{3}}{3} \\ \frac{\sqrt{3}}{3} \\ \frac{\sqrt{3}}{3} \end{pmatrix}$

$(1\ 1\ 1 \mid 0) \rightsquigarrow x_1 = -t_1 - t_2,\ x_2 = t_1,\ x_3 = t_2;\ t_1; t_2 \in \mathbb{R}$

$\rightsquigarrow \vec{u_1} = \begin{pmatrix} -1 \\ 1 \\ 0 \end{pmatrix},\ \vec{u_2} = \begin{pmatrix} -1 \\ 0 \\ 1 \end{pmatrix}$

$\vec{u_1'} = \vec{u_1} = \begin{pmatrix} -1 \\ 1 \\ 0 \end{pmatrix},\ \vec{u_2'} = \vec{u_2} - \frac{\vec{u_1} \cdot \vec{u_2}}{\vec{u_1} \cdot \vec{u_1}} \cdot \vec{u_1} = \begin{pmatrix} -\frac{1}{2} \\ -\frac{1}{2} \\ 1 \end{pmatrix} \rightsquigarrow \vec{u_1''} = \frac{1}{\sqrt{2}} \cdot \vec{u_1} = \begin{pmatrix} -\frac{\sqrt{2}}{2} \\ \frac{\sqrt{2}}{2} \\ 0 \end{pmatrix},\ \vec{u_2''} = \frac{1}{\frac{\sqrt{6}}{2}} \cdot \vec{u_2'} = \begin{pmatrix} -\frac{\sqrt{6}}{6} \\ -\frac{\sqrt{6}}{6} \\ \frac{\sqrt{6}}{3} \end{pmatrix}$

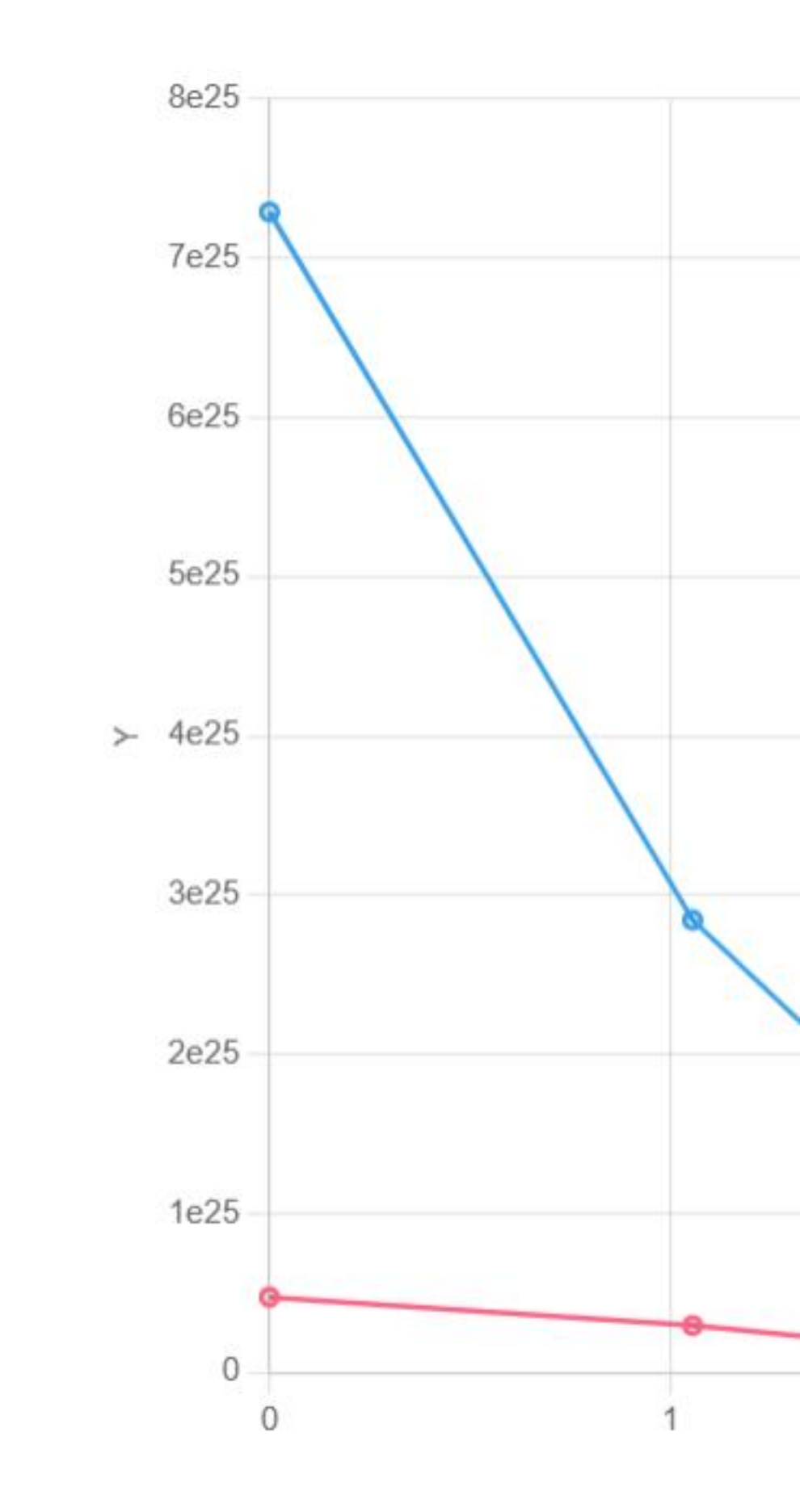
$\vec{u_1'} \perp \vec{u_2'}$

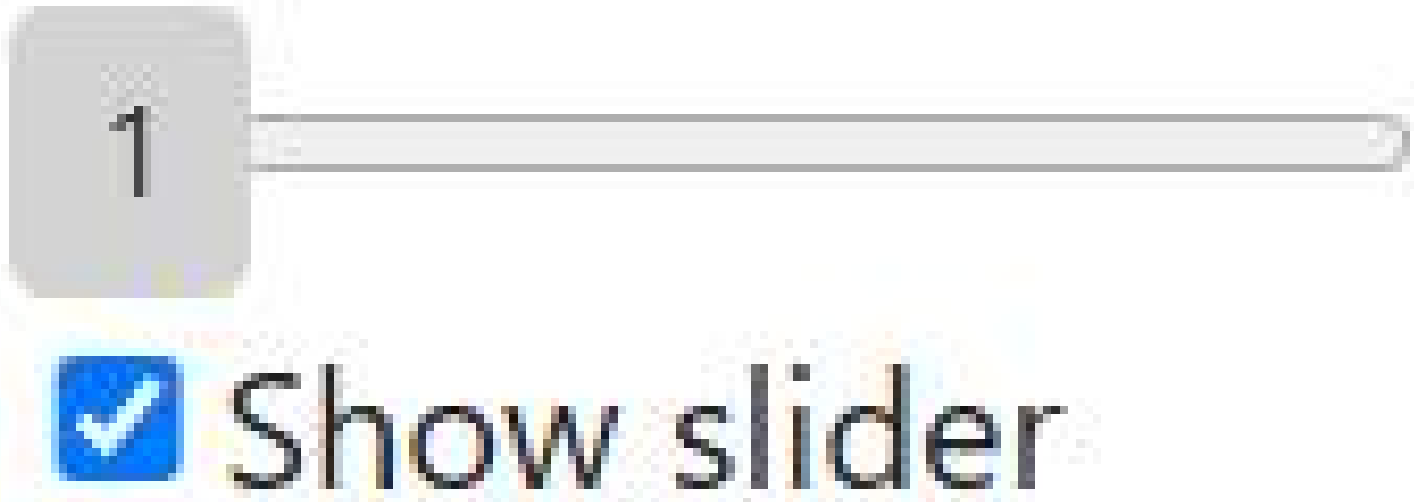
$\|\vec{u_1''}\| = 1,\ \|\vec{u_2''}\| = 1$

$\mathcal{B} = (\vec{u_1''}, \vec{u_2''}, \vec{n''})$

$$A_{\mathcal{B}\mathcal{B}} = \begin{pmatrix} \cos(\frac{2\pi}{3}) & -\sin(\frac{2\pi}{3}) & 0 \\ \sin(\frac{2\pi}{3}) & \cos(\frac{2\pi}{3}) & 0 \\ 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} -\frac{1}{2} & -\frac{\sqrt{3}}{2} & 0 \\ \frac{\sqrt{3}}{2} & -\frac{1}{2} & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

$$A_{\mathcal{E}_3\mathcal{E}_3} = P_{\mathcal{E}_3\mathcal{B}} \cdot A_{\mathcal{B}\mathcal{B}} \cdot P_{\mathcal{B}\mathcal{E}_3} = \begin{pmatrix} -\frac{\sqrt{2}}{2} & -\frac{\sqrt{6}}{6} & \frac{\sqrt{3}}{3} \\ \frac{\sqrt{2}}{2} & -\frac{\sqrt{6}}{6} & \frac{\sqrt{3}}{3} \\ 0 & \frac{\sqrt{6}}{3} & \frac{\sqrt{3}}{3} \end{pmatrix} \cdot \begin{pmatrix} -\frac{1}{2} & -\frac{\sqrt{3}}{2} & 0 \\ \frac{\sqrt{3}}{2} & -\frac{1}{2} & 0 \\ 0 & 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} -\frac{\sqrt{2}}{2} & \frac{\sqrt{2}}{2} & 0 \\ -\frac{\sqrt{6}}{6} & -\frac{\sqrt{6}}{6} & \frac{\sqrt{6}}{3} \\ \frac{\sqrt{3}}{3} & \frac{\sqrt{3}}{3} & \frac{\sqrt{3}}{3} \end{pmatrix} = \begin{pmatrix} 0 & 0 & 1 \\ 1 & 0 & 0 \\ 0 & 1 & 0 \end{pmatrix}$$


8e25
7e25
6e25
5e25
4e25
3e25
2e25
1e25
0
y
0
1


1
Show slider