JITRI Beamer Template

Creating Presentations

Author

author@xxx.xxx.xx

Institute of Deep Perception Technology

Jiangsu Industrial Technology Research Institute

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- This is a latex slide template created by Yi Zhou for JITRI

- This is a latex slide template created by Yi Zhou for JITRI
- GitHub link
  `https://github.com/ZHOUYI1023/JITRI-Latex-Beamer-Template`

Usage

- Beamer is a powerful and flexible LaTeX class to create great looking presentations.
  `https://www.overleaf.com/learn/latex/Beamer`
- Modify from XJTLU Beamer template [1]

Blocks

Block I

Text

Block II

Text

Block III

Text

Success box

Alert box

Simple box

Algorithms (pseudocode)

```
   input  : x: float, y: float
   output : r: float
1  while True do
2  |   r = x + y;
3  |   if r >= 30 then
4  |   |   “O valor de r é maior ou iqual a 10.”;
5  |   |   break;
6  |   else
7  |   |   “O valor de r = ”, r;
8  |   end
9  end
```

Algorithm 1: Algorithm Example

Algorithms

```python
def main():
    print("Hello World!")

if __name__ == '__main__':
    main()
```

code/main.py

Equation

Equation without numbers

$$J(\theta) = \mathbb{E}_{\pi_\theta}[G_t] = \sum_{s \in \mathcal{S}} d^\pi(s) V^\pi(s) = \sum_{s \in \mathcal{S}} d^\pi(s) \sum_{a \in \mathcal{A}} \pi_\theta(a|s) Q^\pi(s, a)$$

Equation with numbers

$$
\begin{aligned}
A = \lim_{n\to\infty} \Delta x \Big(a^2 + \Big(a^2 + 2a\Delta x + (\Delta x)^2\Big) \\
+ \Big(a^2 + 2\cdot 2a\Delta x + 2^2(\Delta x)^2\Big) \\
+ \Big(a^2 + 2\cdot 3a\Delta x + 3^2(\Delta x)^2\Big) \\
+ \dots \\
+ \Big(a^2 + 2\cdot (n-1)a\Delta x + (n-1)^2(\Delta x)^2\Big)\Big) \\
= \frac{1}{3}\left(b^3 - a^3\right) \quad (1)
\end{aligned}
$$

Figures

Figure: Logo of JITRI

Videos

Tables

Tables can be automatically generated from
`https://www.tablesgenerator.com/`
Use adjustbox package to shirnk the table.

Dataset	Sensors	Feature	Tasks
nuScenes	Radar+Lidar+Camera +Map+GPS/IMU	Large	Detection+Tracking
Oxford RobotCar	Scanning Radar+Lidar +Camera+GPS/IMU	Large	Odometry
RADIATE	Scanning Radar +Lidar+Camera	Adverse Weather	Detection+Tracking +Odometry
MulRan	Scanning Radar+Lidar	Multiple Revisits of The Same Place	Place Recognition
Astyx HiRes	Radar +Lidar+Camera	4D Imaging Radar	3D Detection
Zendar	SAR+Lidar +Camera+GPS/IMU	SAR Imaging Radar	Detection+Tracking
CARRADA	Radar+Camera	Range-Azimuth-Doppler Annotation	Detection+Tracking
Radar Scenes	Radar+Camera	Radar Point Annotation	Radar Detection +Radar Tracking
DENSE	Radar+Lidar +StereoCamera+GatedCamera	Adverse Weather	3D Detection+Tracking
CRUW	Radar+Camera	Range-Azimuth Annotation	Detection+Tracking
RaDICal	Radar+RGBD Camera+IMU	Raw Radar ADC Meaurements	3D Detection+Tracking

Table: Radar Datasets

Multi-columns

We present a radar-centric automotive dataset based on radar, lidar and camera data for the purpose of 3D object detection.

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Reference I


Shanliang Yao. **XJTLU Beamer Template**. 2021. URL: https://github.com/yaoshanliang/XJTLU-Beamer-Template.

Thank You !