**Dataset description**

Description : The dataset is for training, it can be used to predict the deflection of the yellow-blue line . The 'Trail\_dataset' includes two folder 'train\_data' (for training) and 'test\_data' (for testing) , and each folder includes 18 folders which are classified with the rotation parameters , the range of rotation parameters is 0.6 to -0.6 and divided this range into 18 intervals. For example , The 'L\_4' folder contains the rotation parameters approximate in range 0.277 to 0.377 and 'L' means turn left which is shown below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dataset info | L\_1 | L\_2 | L\_3 | L\_4 | L\_5 | L\_6 |
| exp 1. |  |  |  |  |  |  |
| exp 2. |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dataset info | L\_7 | L\_8 | R\_1 | R\_2 | R\_3 | R\_4 |
| exp 1. |  |  |  |  |  |  |
| exp 2. |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dataset info | R\_5 | R\_6 | R\_7 | R\_8 | S\_L | S\_R |
| exp 1. |  |  |  |  |  |  |
| exp 2. |  |  |  |  |  |  |