

第1步 matlab代码编写

- 将test.m改为bw_naddkmulk_i.m, test_sti.m改为bw_naddkmulk_i_sti.m
- bw_naddkmulk_i.m文件

```
test.m
1 function s = test(x, y, Seed)
2 %ABSTRACT Summary of this function goes here
3
4 %setup: compute result stimulus
5 %des = quatrat(X,IMDVEC,DIM);
6 %w = BW_NADDKMULK;
7
8 %setup: write result in txt file
9 mkdir Ref
10 id = num2str(Seed);
11 child_path = [Ref,'/',mfilename];
12 mkdir(child_path);
13 suffix_txt = '.txt';
14 result_full_name_txt=[id,suffix_txt];
15 path_txt = [child_path,'/',result_full_name_txt];
16 fid_txt = fopen(path_txt,'w');
17
18 fprintf(fid_txt,'%d %d\n',x,y);
19
20 fclose(fid_txt);
21
22 %=====for AI Test
23 filename = [Ref,'/',mfilename,'/',id,'_AI.dat'];
24 fid_dat = fopen(filename,'w');
25 fwrite(fid_dat,s,'uint8');
26 fclose(fid_dat);
27 end

bw_naddkmulk_i.m
1 function s = bw_naddkmulk_i(x, y, yd, Seed)
2 %ABSTRACT Summary of this function goes here
3
4 %setup: compute result stimulus
5 %des = quatrat(X,IMDVEC,DIM);
6 %w = BW_NADDKMULK;
7
8 %setup: write result in txt file
9 mkdir Ref
10 id = num2str(Seed);
11 child_path = [Ref,'/',mfilename];
12 mkdir(child_path);
13 suffix_txt = '.txt';
14 result_full_name_txt=[id,suffix_txt];
15 path_txt = [child_path,'/',result_full_name_txt];
16 fid_txt = fopen(path_txt,'w');
17
18 fprintf(fid_txt,'%d %d\n',x,y);
19
20 fclose(fid_txt);
21
22 %=====for AI Test
23 filename = [Ref,'/',mfilename,'/',id,'_AI.dat'];
24 fid_dat = fopen(filename,'w');
25 fwrite(fid_dat,s,'uint8');
26 fclose(fid_dat);
27 end
```

- bw_naddkmulk_i_sti.m文件

```
test_sti.m
1 function [s,des] = test_sti(Seed)
2 %ABSTRACT Summary of this function goes here
3
4 %setup: compute result stimulus
5 %des = quatrat(X,IMDVEC,DIM);
6 %w = BW_NADDKMULK;
7
8 %setup: write result in txt file
9 mkdir Ref
10 id = num2str(Seed);
11 child_path = [Ref,'/',mfilename];
12 mkdir(child_path);
13 suffix_txt = '.txt';
14 result_full_name_txt=[id,suffix_txt];
15 path_txt = [child_path,'/',result_full_name_txt];
16 fid_txt = fopen(path_txt,'w');
17
18 fprintf(fid_txt,'%d %d\n',x,y);
19
20 fclose(fid_txt);
21
22 %=====for AI Test
23 filename = [Ref,'/',mfilename,'/',id,'_AI.dat'];
24 fid_dat = fopen(filename,'w');
25 fwrite(fid_dat,s,'uint8');
26 fclose(fid_dat);
27 end

bw_naddkmulk_i_sti.m
1 function [s,des] = bw_naddkmulk_i_sti(Seed)
2 %ABSTRACT Summary of this function goes here
3
4 %setup: compute result stimulus
5 %des = quatrat(X,IMDVEC,DIM);
6 %w = BW_NADDKMULK;
7
8 %setup: write result in txt file
9 mkdir Ref
10 id = num2str(Seed);
11 child_path = [Ref,'/',mfilename];
12 mkdir(child_path);
13 suffix_txt = '.txt';
14 result_full_name_txt=[id,suffix_txt];
15 path_txt = [child_path,'/',result_full_name_txt];
16 fid_txt = fopen(path_txt,'w');
17
18 fprintf(fid_txt,'%d %d\n',x,y);
19
20 fclose(fid_txt);
21
22 %=====for AI Test
23 filename = [Ref,'/',mfilename,'/',id,'_AI.dat'];
24 fid_dat = fopen(filename,'w');
25 fwrite(fid_dat,s,'uint8');
26 fclose(fid_dat);
27 end
```

deploytool

第2步 c语言编写

- 拷贝test的release目录到bw_naddkmulk_i的目录下
- 将release/C_src中的test.c改为bw_naddkmulk_i.c, test.h改为bw_naddkmulk_i.h
- bw_naddkmulk_i.h文件

```
test.h
1 #ifndef TEST_H
2 #define TEST_H
3
4 #define DIM 1000000
5
6 #endif

bw_naddkmulk_i.h
1 #ifndef BW_NADDKMULK_I_H
2 #define BW_NADDKMULK_I_H
3
4 #define DIM 1000000
5
6 #endif
```

- bw_naddkmulk_i.c文件

- AllExtern.h文件

- AI_API.c文件

- AI_API.h 文件

- cmd.txt

