HW2_2

```
1 A:
projection matrix =
[[\ 0.10324201\ -0.01852856\ -0.02920487\quad \  0.24432505]
[-0.00502912  0.0196838  -0.12314396
                              0.806259951
1 B:
K =
[[464.14857662 -6.47987459 194.05429
  0.
           483.35687002 314.59901327]
                               ]]
  0.
             0.
                       1.
R =
[-0.08443681 0.73418892 0.67367429]]
T =
  2.74065896]
\prod
  0.33810642]
[-12.36184469]]
```

1_C:



root-mean-squared errors =

0.5655096737344247



root-mean-squared errors =

0.7429265148241441

1_D:

沒做

2_A:







2_B:

Forward:



Backward:



2_C:

Forward1:



forward1:



Backward1:



Backward2:



2_D:

可以看到,forward 有些點換 mapping 不到,因此造成黑(白)線,而 backward 則沒有此問題