

\*\*\*\*\*Draft\*\*\*\*\*

## Principal component analysis (PCA)

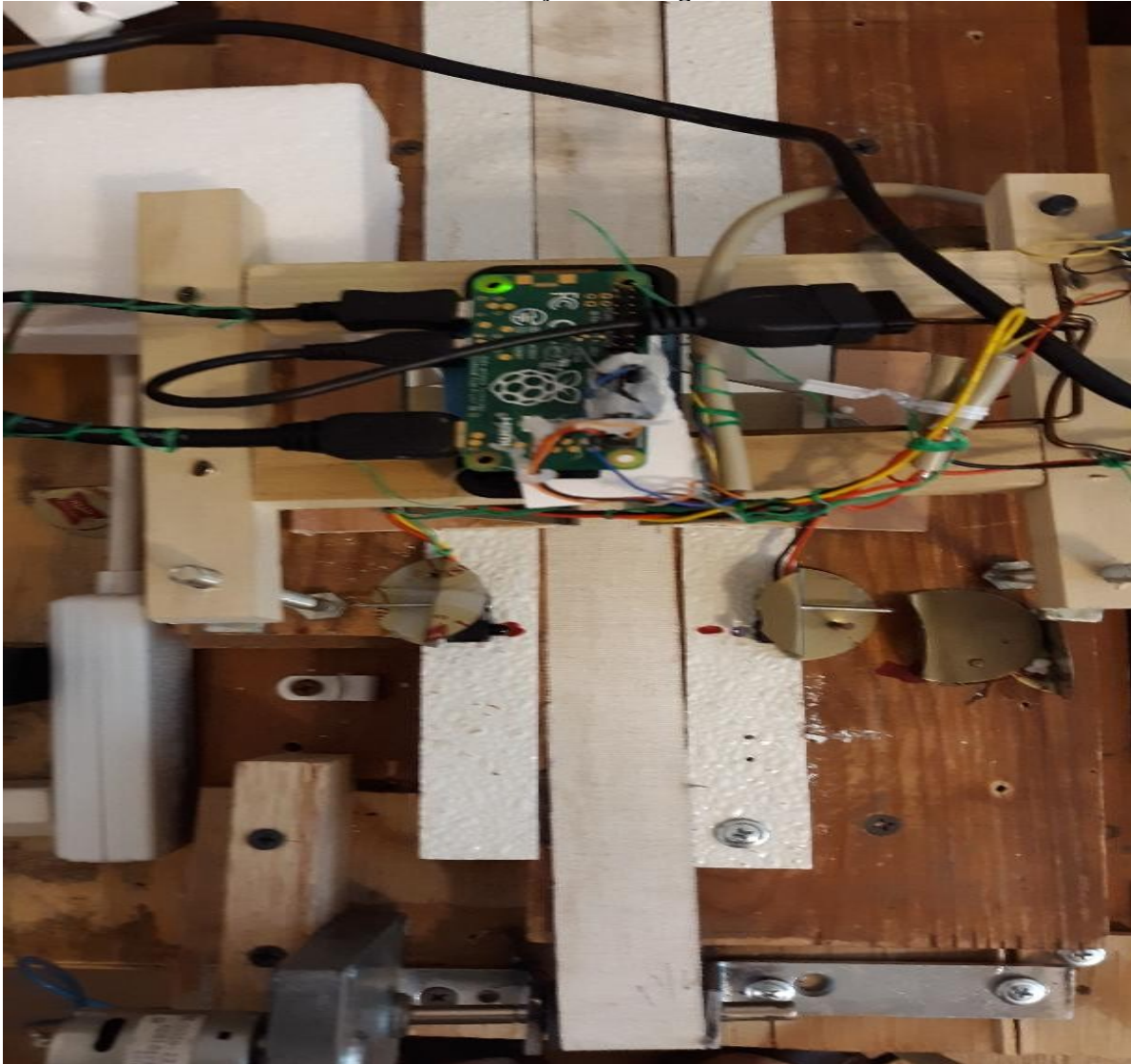
09/09/19

\*\*\*\*\*Draft\*\*\*\*\*

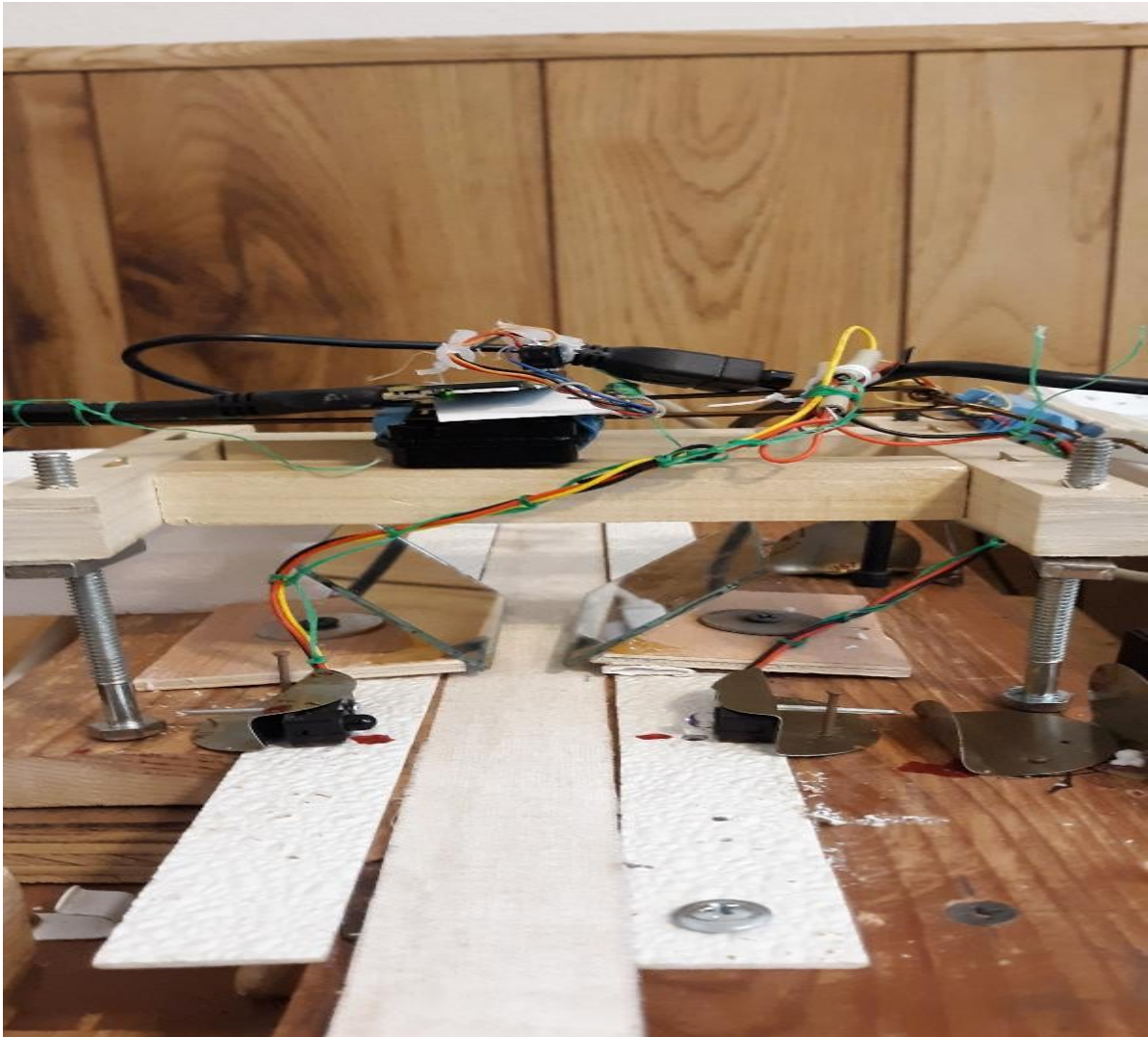
Using an extraction of 80 x 50. This required several changes to get the extracted images correct for the klt program.

q

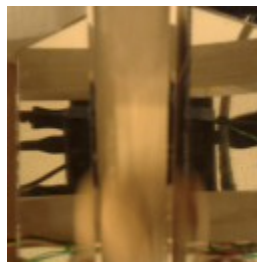
Top View of canera mount lower with screw to adjust the height.



Front view



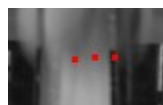
Front view



r1thumb0000.bmp



r1thumb0000.pgm



r1feat1.ppm

Feel free to place comments here.

!!  
!!! Warning: This is a KLT data file. Do not modify below this line !!!

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KLT Feature List  
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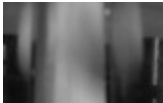
nFeatures = 10

feature		(x,y)=val
0		( 53, 24)= 537
1		( 33, 25)= 205
2		( 43, 24)= 26
3		( -1, -1)= -1
4		( -1, -1)= -1
5		( -1, -1)= -1
6		( -1, -1)= -1
7		( -1, -1)= -1
8		( -1, -1)= -1
9		( -1, -1)= -1

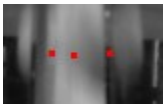
r1feat1.txt



r2thumb0000.bmp not cracked



r2thumb0000.pgm



r2feat1.ppm

Feel free to place comments here.

!!  
!!! Warning: This is a KLT data file. Do not modify below this line !!!

-----  
KLT Feature List  
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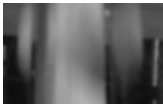
nFeatures = 10

feature   (x,y)=val		
-----+-----		
0	( 53, 24)=	495
1	( 35, 25)=	72
2	( 24, 24)=	51
3	( -1, -1)=	-1
4	( -1, -1)=	-1
5	( -1, -1)=	-1
6	( -1, -1)=	-1
7	( -1, -1)=	-1
8	( -1, -1)=	-1
9	( -1, -1)=	-1

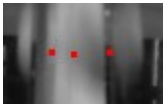
r2feat1.txt



r3thumb0000.bmp



r3thumb0000.pgm



r3feat1.ppm

Feel free to place comments here.

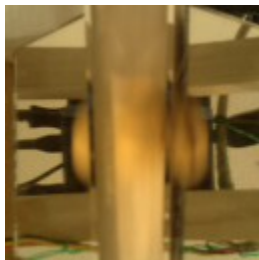
!!  
!!! Warning: This is a KLT data file. Do not modify below this line !!!

-----  
KLT Feature List  
-----

nFeatures = 10

feature   (x,y)=val	
-----+-----	
0   ( 53, 24)=	495
1   ( 35, 25)=	72
2   ( 24, 24)=	51
3   ( -1, -1)=	-1
4   ( -1, -1)=	-1
5   ( -1, -1)=	-1
6   ( -1, -1)=	-1
7   ( -1, -1)=	-1
8   ( -1, -1)=	-1
9   ( -1, -1)=	-1

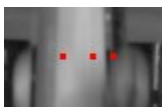
r3feat1.txt



r4thumb0000.bmp



r4thumb0000.pgm



r4feat1.ppm

Feel free to place comments here.

!!  
!!! Warning: This is a KLT data file. Do not modify below this line !!!

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KLT Feature List  
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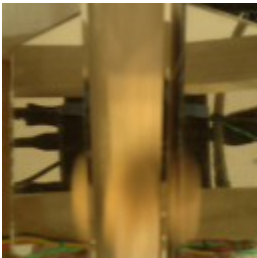
nFeatures = 10

feature   (x,y)=val	
-----+-----	
0	( 54, 24)= 807
1	( 44, 24)= 50
2	( 29, 24)= 22
3	( -1, -1)= -1
4	( -1, -1)= -1
5	( -1, -1)= -1
6	( -1, -1)= -1
7	( -1, -1)= -1
8	( -1, -1)= -1
9	( -1, -1)= -1

r4feat1.txt

r5thumb0000.bmp

r



5thumb0000.pgm



r5feat1.ppm

Feel free to place comments here.



!!

!!! Warning: This is a KLT data file. Do not modify below this line !!!

-----  
KLT Feature List  
-----

nFeatures = 10

feature | (x,y)=val

-----+-----		
0	( 53, 24)=	656
1	( 30, 24)=	118
2	( 43, 24)=	18
3	( -1, -1)=	-1
4	( -1, -1)=	-1
5	( -1, -1)=	-1
6	( -1, -1)=	-1
7	( -1, -1)=	-1
8	( -1, -1)=	-1
9	( -1, -1)=	-1

r4feat1.txt