

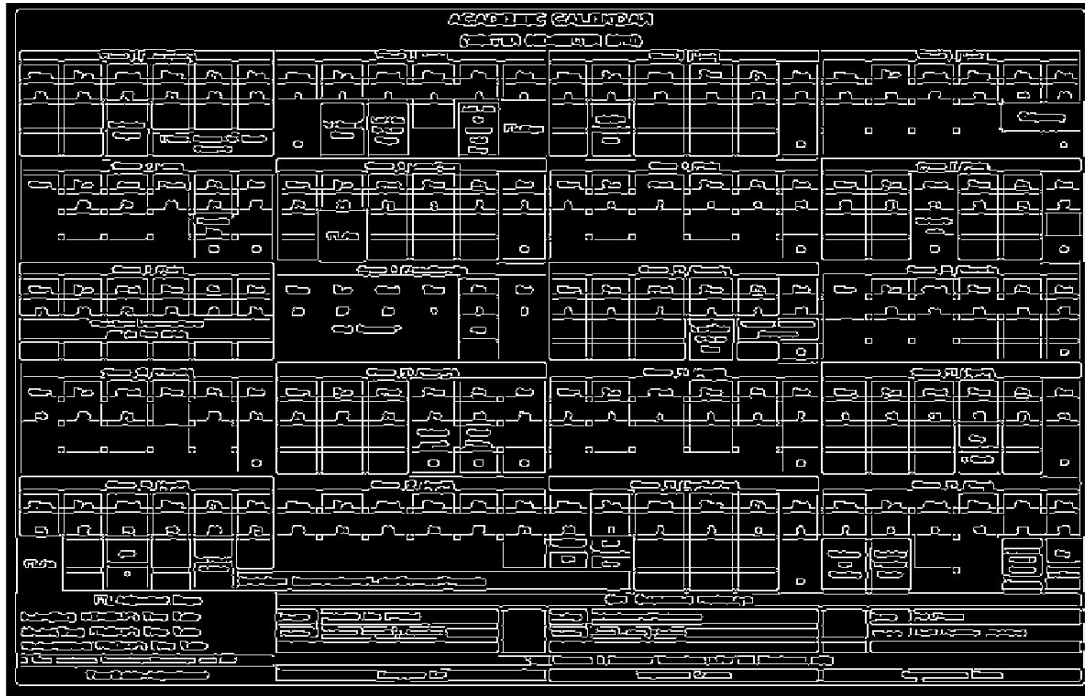
DIP Report

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ACADEMIC CALENDAR																							
(WINTER SEMESTER 2018)																							
Week 0 (Dec-Jan)						Week 1 (Jan)						Week 2 (Jan)						Week 3 (Jan)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
25	26	27	28	29	30	1	2	3	4	5	6	8	9	10	11	12	13	15	16	17	18	19	20
Semester Begins 3 Days Module for Block Students						1st Day of Class Last day for Late Reg-A Add Drop						SOMM Academic RM						Cityday					
Week 4 (Jan)						Week 5 (Jan-Feb)						Week 6 (Feb)						Week 7 (Feb)					
Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat
22	23	24	25	26	27	29	30	31	1	2	3	5	6	7	8	9	10	12	13	14	15	16	17
Recess Day H						H						H						Monday off H					
Week 8 (Feb)						Week 9 (Feb-March)						Week 10 (March)						Week 11 (March)					
Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat
19	20	21	22	23	24	26	27	28	1	2	3	5	6	7	8	9	10	12	13	14	15	16	17
Mid-Sem Examinations (Fri-2nd Feb 2018)						(Mid-Recess) H						Last Date for Late Drop Recess Reschedule (Emergency) H						H					
Week 12 (March)						Week 13 (March)						Week 14 (April)						Week 15 (April)					
Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat
16	20	21	22	23	24	26	27	28	29	30	31	2	3	4	5	6	7	9	10	11	12	13	14
H						Midweek Recess Good Friday H						H						Pre-Registration on Bus H					
Week 16 (April)						Week 17 (April)						Week 18 (April-May)						Week 19 (May)					
Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat
16	17	18	19	20	21	23	24	25	26	27	28	30	1	2	3	4	5	7	8	9	10	11	12
OTF Substitution Lucky Draw at 2nd Mass						End-Sem Examinations/Late/Dropouts/Projects						Dropped out BYE Passports Ban						Moderation Meeting Summer Vacation Starts Announcement of Grades (tentative) Pre-registration Ends					
THE ADJUSTED DAYS												GHS GAZETTED HOLIDAYS											
25-Jan MONDAY's Transfer to 26 Jan												24-Feb Wednesday (Wednesday)											
28-Feb THURSDAY'S Transfer to 29 Feb												26-Mar Good Friday (Friday)											
29-Mar WEDNESDAY'S Transfer to 30 Mar												2-Apr Holiday (Friday)											
												30-Apr Rush Period ends (Tuesday)											
Rethink includes Saturdays/Sundays and GH																							
4 MBS @ 3:30pm - 4:30pm @ 4:00pm @ 4:30pm @ 5:00pm @ 5:30pm																							
The Teacher's Schedule												Dropped GH				Important Events				Registration Dates			

Sobel Filter:

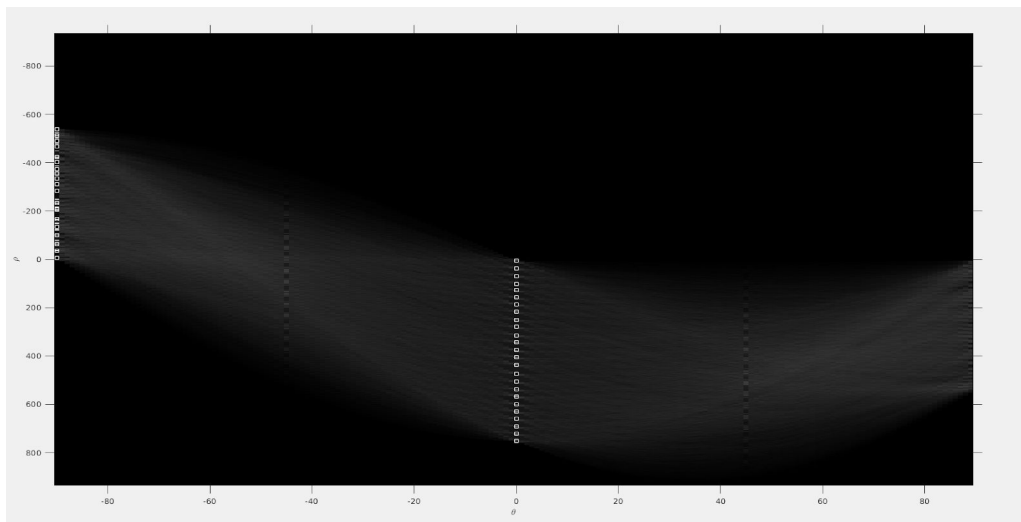
Canny Edge detection:



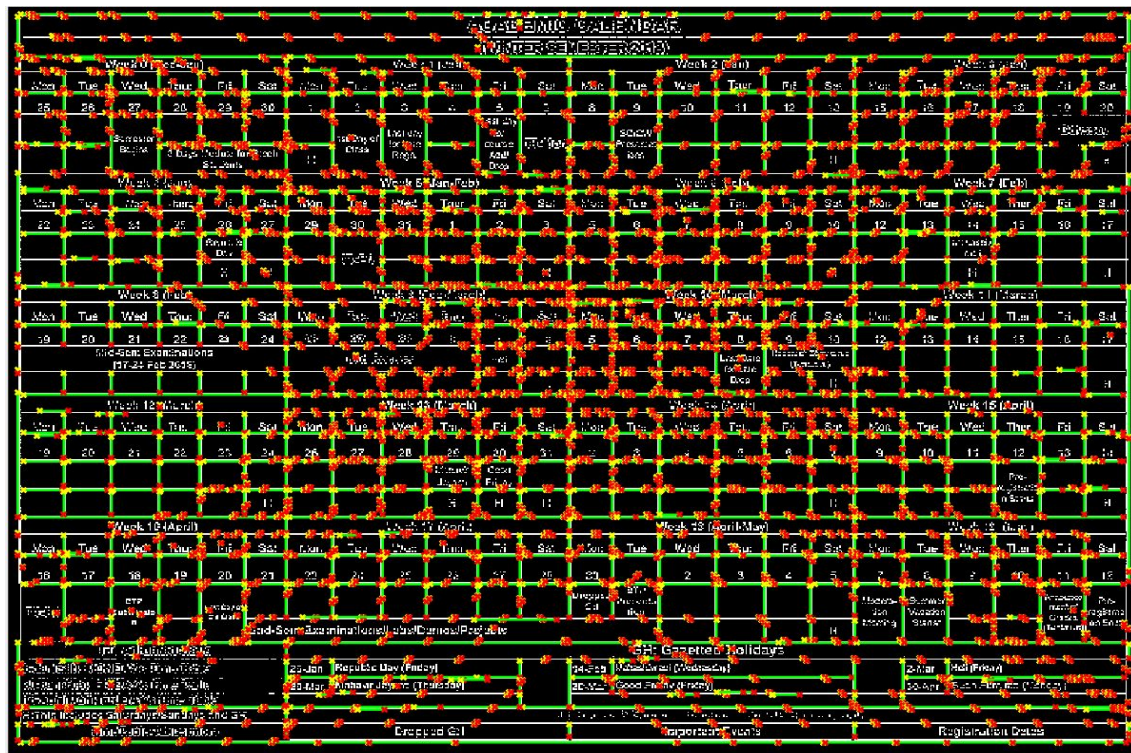
The above images are obtained by converting the image into an grayscale and then the filters are applied to them. So we can see that the images from sobel and prewitt has best preserved the edges from the given image.

For detecting the edge we perform a hough transform and then look in which filtered image max no. of edges are being highlighted.

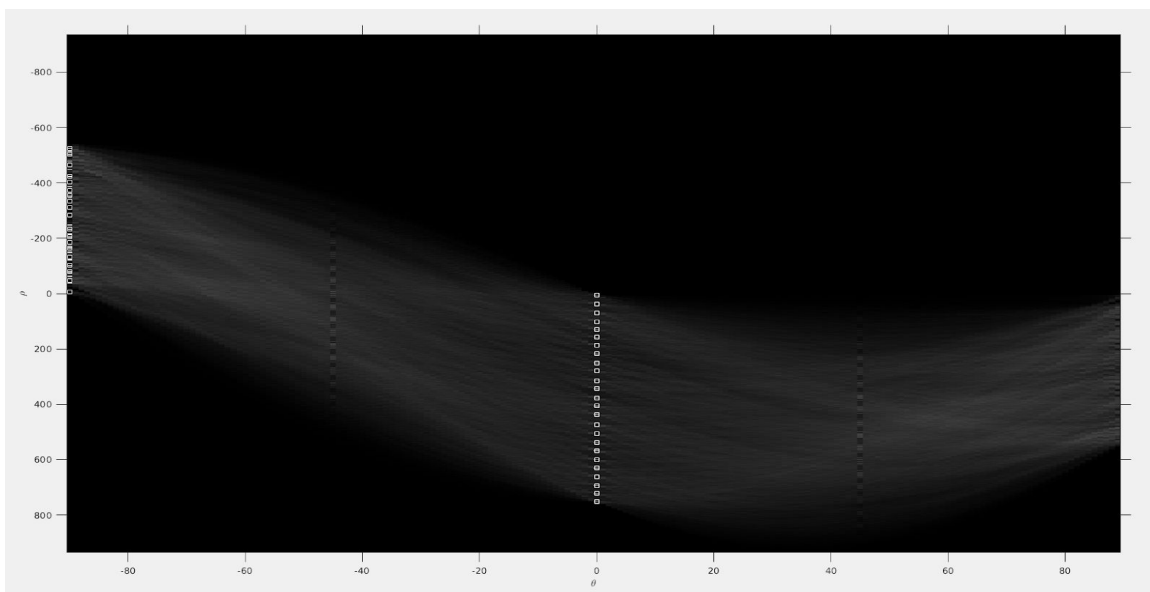
Hough transform output for laplacian filter:



We find the peaks with $\theta = -90$ or 0 because all the edges are either horizontal or vertical. We got a total of 44 edges, 19 vertical and 25 horizontal. So after highlighting the edges we get:



Hough transform output for sobel filtered output:



We get 20 vertical 25 horizontal edges. So highlighting the edges we get:

