

## PRESENTATION

Friday, April 17, 2020 11:45 AM

# VECTOR FRACTAL DIMENSIONS

## FRACTAL COMPRESSION

### Intro

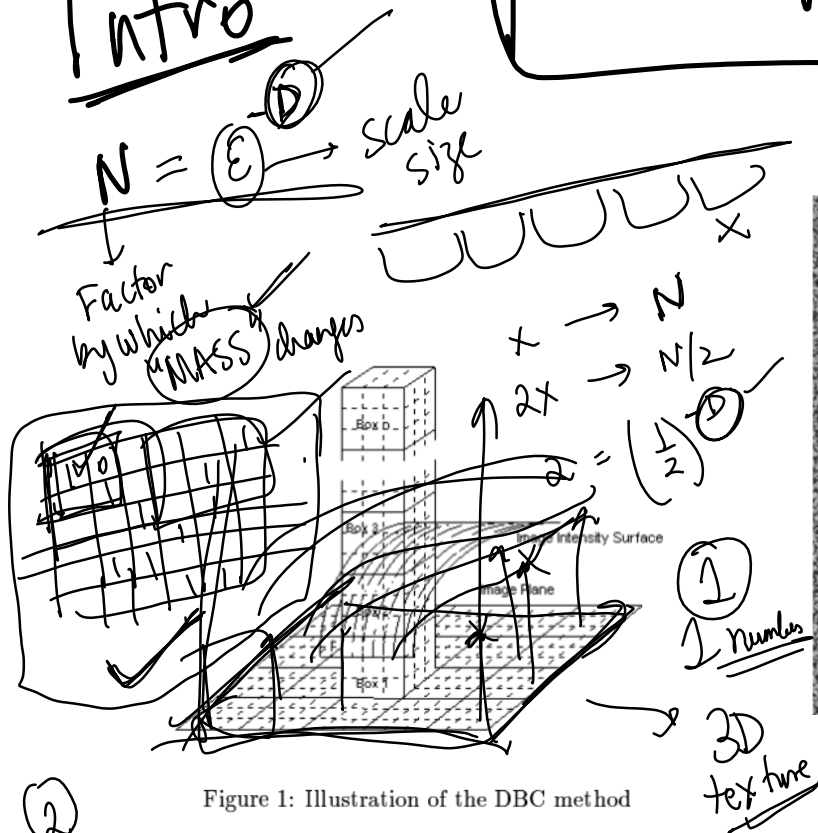
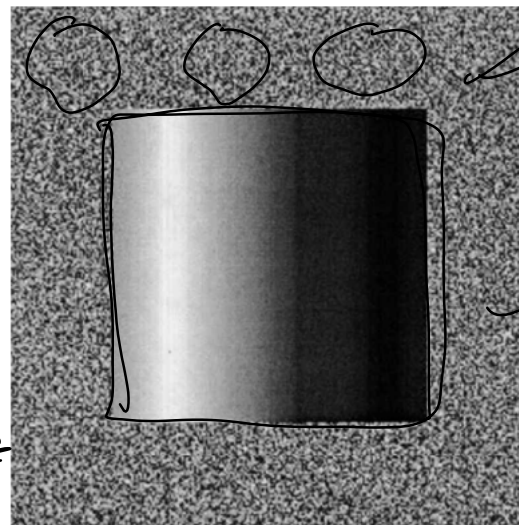
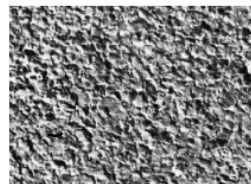
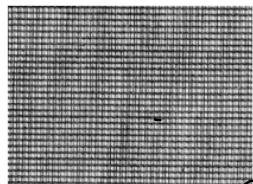


Figure 1: Illustration of the DBC method

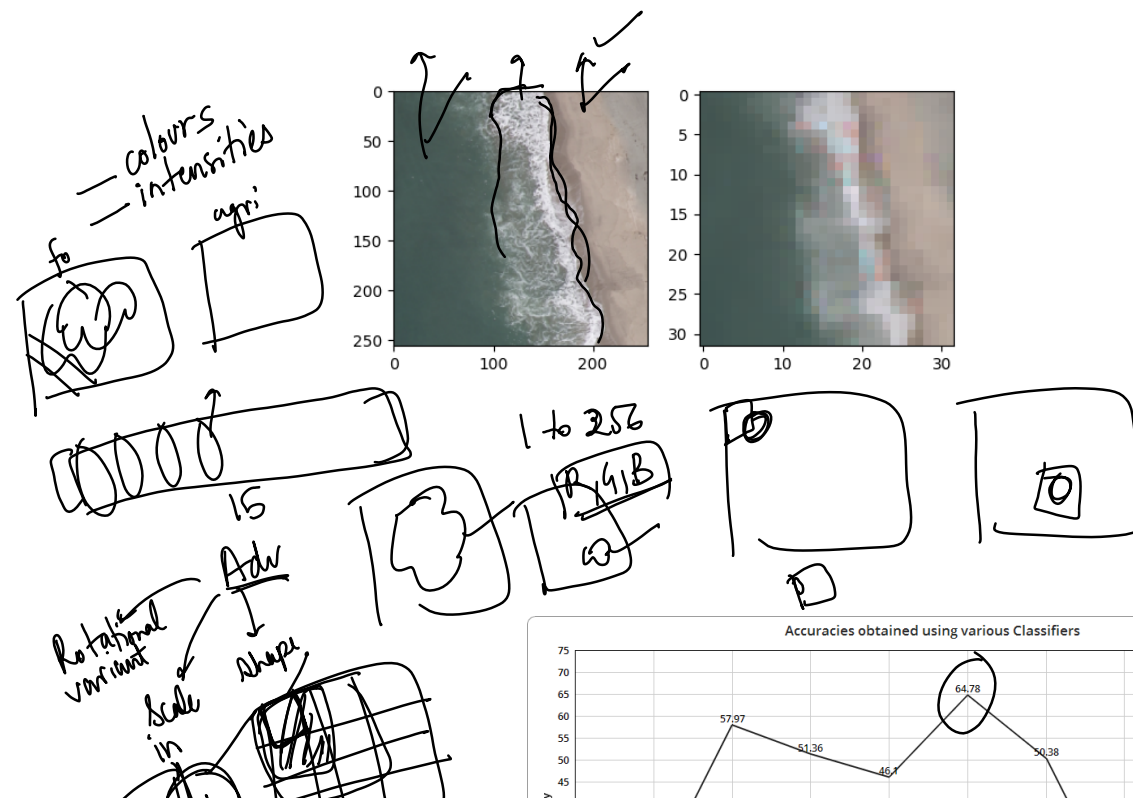
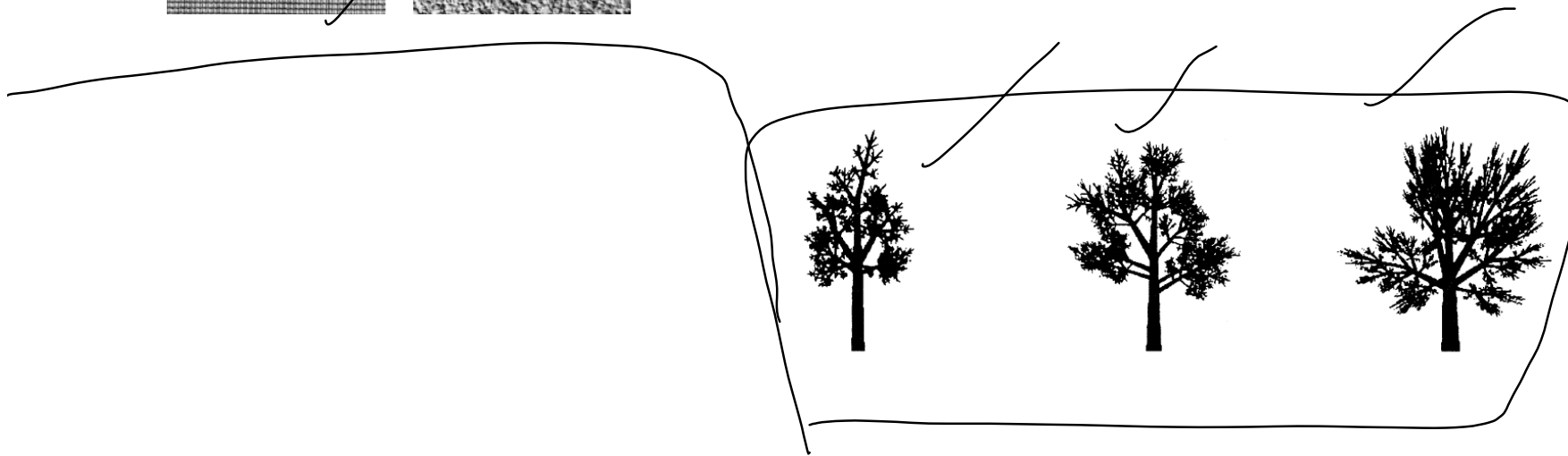
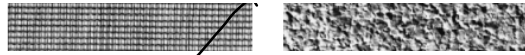
② Differential box

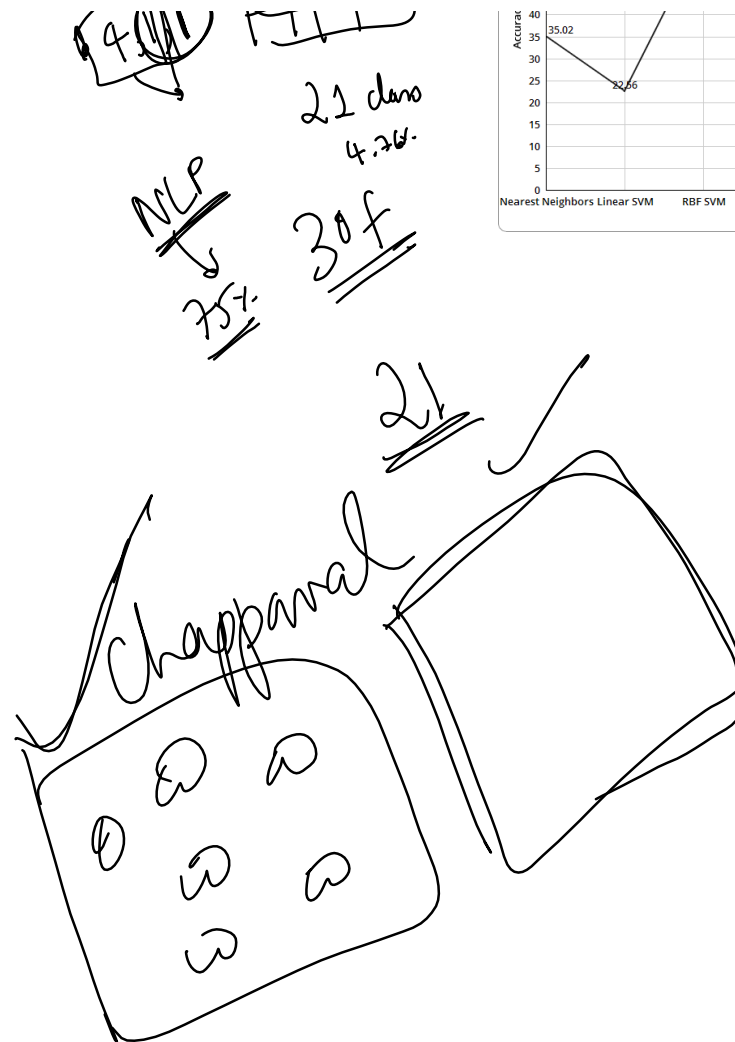


Multi-fractal indices

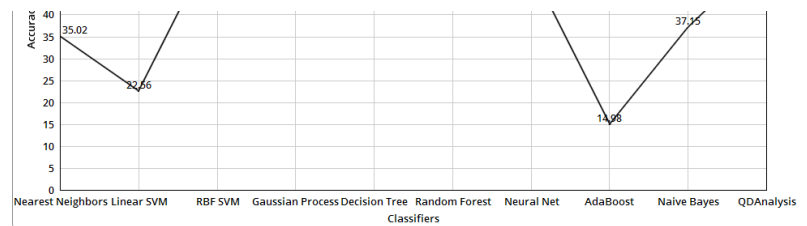
→ intensity levels  
 → Colours (RGB)

④ IFS maps com





OneNote



	precision	recall	f1-score	support
0	0.41	0.50	0.45	18
1	0.71	0.65	0.68	23
2	0.55	0.70	0.62	23
3	0.56	0.64	0.60	28
4	0.30	0.53	0.38	17
5	0.75	0.72	0.74	29
6	0.53	0.39	0.45	23
7	0.96	0.96	0.96	25
8	0.56	0.59	0.57	17
9	0.62	0.65	0.64	23
10	0.48	0.60	0.54	25
11	0.57	0.41	0.48	29
12	0.74	0.70	0.72	20
13	0.52	0.48	0.50	25
14	0.83	0.76	0.79	25
15	0.81	0.85	0.83	20
16	0.74	0.74	0.74	31
17	0.64	0.76	0.70	21
18	0.32	0.28	0.30	29
19	0.78	0.40	0.53	35
20	0.84	0.93	0.88	28
accuracy			0.63	514
macro avg	0.63	0.63	0.62	514
weighted avg	0.64	0.63	0.63	514

