Per-file Report

File: Front_EE1_5_3000x.bmp
Pattern: Anticlockwise
n_vectors: 180 | cw_frac: 0.351 | acw_frac: 0.649 | div_frac: 1.000
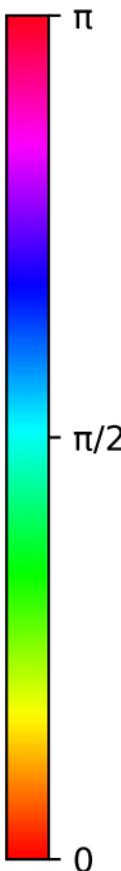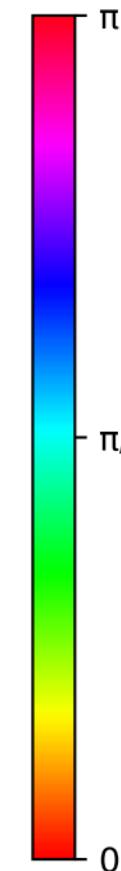
Rotation (φ⊥→horizontal): 73.15° | Center=(626,461)

Gabor angle maps (original, not rotated)
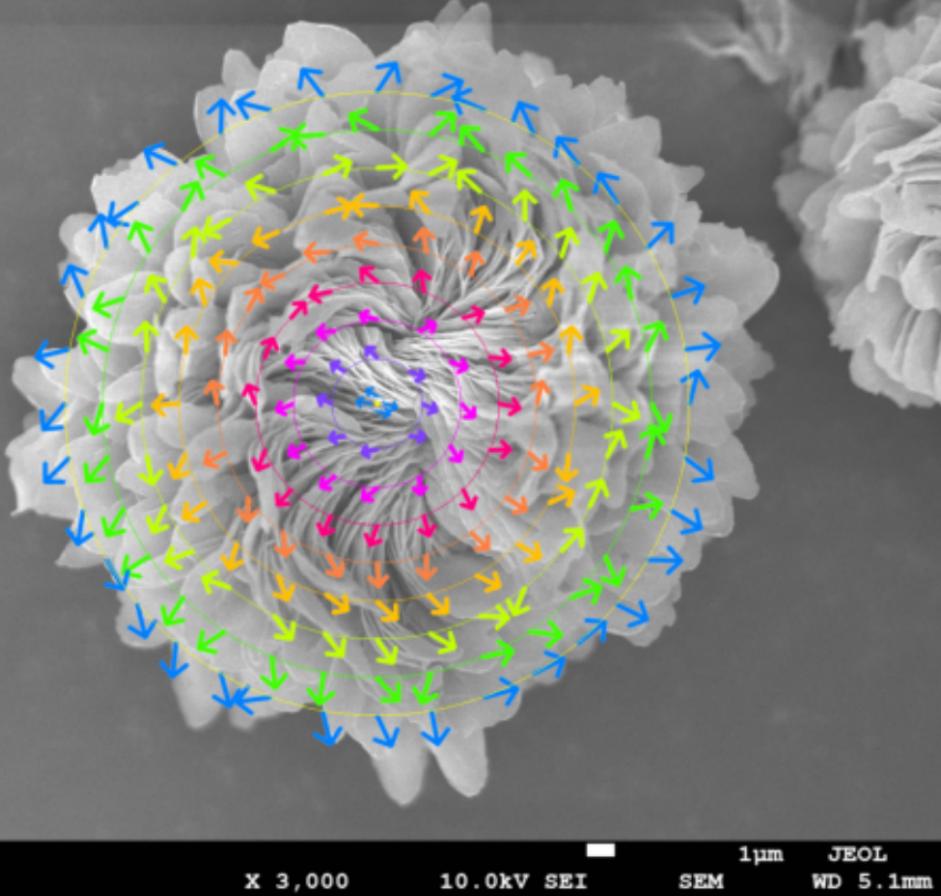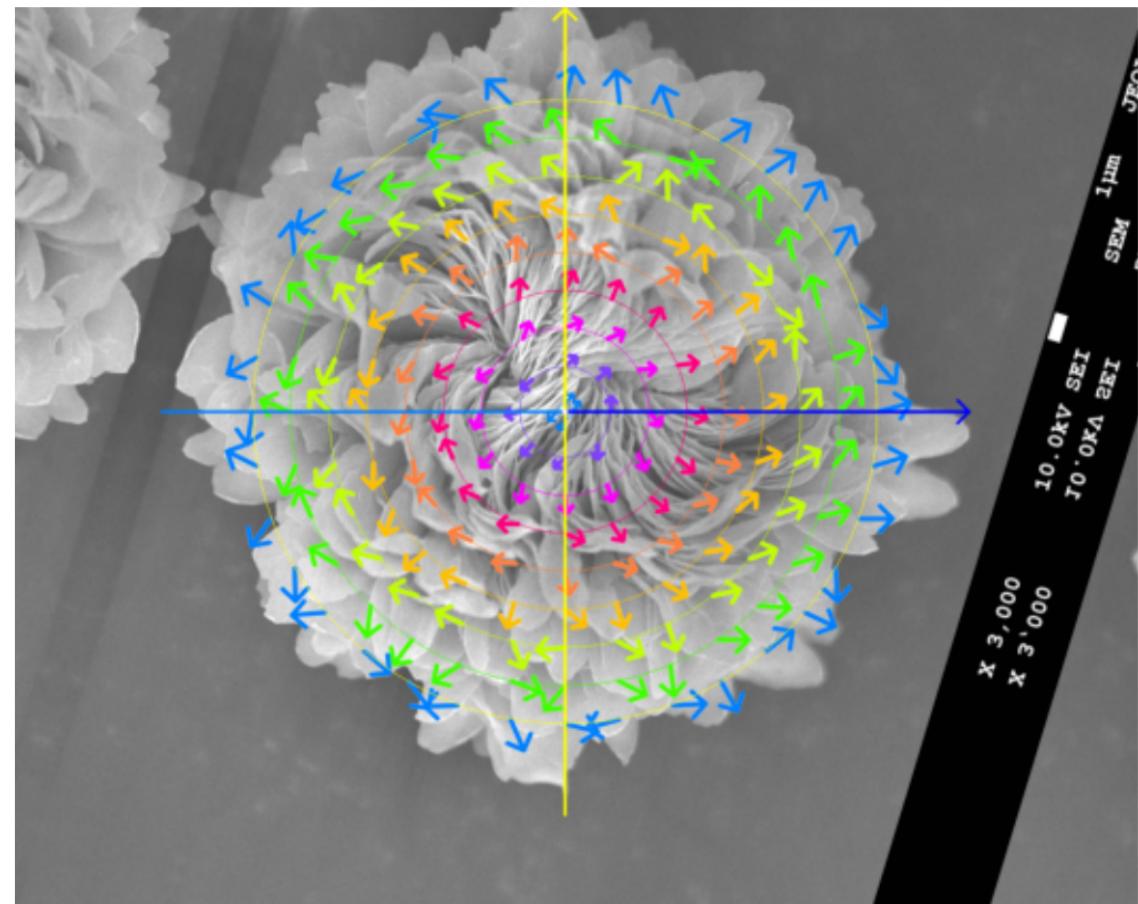
Before rotation

After rotation (Code A)
(angle=73.15°)

Ring	Coordinate	Angle (α′)	Pattern
1	(9.00, 0.00)	58.74	Anticlockwise
1	(0.00, -9.00)	-28.64	Clockwise
1	(-9.00, 0.00)	45.24	Anticlockwise
1	(0.00, 9.00)	-40.11	Clockwise
2	(52.00, 0.00)	86.81	Anticlockwise
2	(37.00, -37.00)	-46.42	Clockwise
2	(0.00, -52.00)	-42.85	Clockwise
2	(-37.00, -37.00)	0.92	Anticlockwise
2	(-52.00, 0.00)	14.28	Anticlockwise
2	(-37.00, 37.00)	87.22	Anticlockwise
2	(0.00, 52.00)	-49.66	Clockwise
2	(37.00, 37.00)	-2.36	Clockwise
3	(96.00, 0.00)	-51.69	Clockwise
3	(83.00, -48.00)	-34.63	Clockwise
3	(48.00, -83.00)	-13.70	Clockwise
3	(0.00, -96.00)	6.52	Anticlockwise
3	(-48.00, -83.00)	20.25	Anticlockwise
3	(-83.00, -48.00)	19.93	Anticlockwise
3	(-96.00, 0.00)	68.65	Anticlockwise
3	(-83.00, 48.00)	60.59	Anticlockwise
3	(-48.00, 83.00)	-49.06	Clockwise
3	(0.00, 96.00)	-70.23	Clockwise
3	(48.00, 83.00)	-37.87	Clockwise
3	(83.00, 48.00)	-27.94	Clockwise
4	(139.00, 0.00)	-19.09	Clockwise
4	(128.00, -53.00)	-16.95	Clockwise
4	(98.00, -98.00)	6.66	Anticlockwise
4	(53.00, -128.00)	12.33	Anticlockwise
4	(0.00, -139.00)	65.85	Anticlockwise
4	(-53.00, -128.00)	-68.16	Clockwise

Ring	Coordinate	Angle (α′)	Pattern
4	(-98.00, -98.00)	-68.56	Clockwise
4	(-128.00, -53.00)	-88.13	Clockwise
4	(-139.00, 0.00)	74.49	Anticlockwise
4	(-128.00, 53.00)	52.42	Anticlockwise
4	(-98.00, 98.00)	20.29	Anticlockwise
4	(-53.00, 128.00)	-28.32	Clockwise
4	(0.00, 139.00)	-24.93	Clockwise
4	(53.00, 128.00)	0.63	Anticlockwise
4	(98.00, 98.00)	16.34	Anticlockwise
4	(128.00, 53.00)	-15.59	Clockwise
5	(182.00, 0.00)	-19.20	Clockwise
5	(173.00, -56.00)	6.38	Anticlockwise
5	(147.00, -107.00)	48.33	Anticlockwise
5	(107.00, -147.00)	41.82	Anticlockwise
5	(56.00, -173.00)	56.51	Anticlockwise
5	(0.00, -182.00)	10.01	Anticlockwise
5	(-56.00, -173.00)	-76.03	Clockwise
5	(-107.00, -147.00)	-76.49	Clockwise
5	(-147.00, -107.00)	-82.83	Clockwise
5	(-173.00, -56.00)	79.52	Anticlockwise
5	(-182.00, 0.00)	71.58	Anticlockwise
5	(-173.00, 56.00)	71.98	Anticlockwise
5	(-147.00, 107.00)	24.50	Anticlockwise
5	(-107.00, 147.00)	19.92	Anticlockwise
5	(-56.00, 173.00)	-19.21	Clockwise
5	(0.00, 182.00)	-7.04	Clockwise
5	(56.00, 173.00)	73.84	Anticlockwise
5	(107.00, 147.00)	-24.78	Clockwise
5	(147.00, 107.00)	6.24	Anticlockwise
5	(173.00, 56.00)	17.19	Anticlockwise

Ring	Coordinate	Angle (α′)	Pattern
6	(226.00, 0.00)	34.29	Anticlockwise
6	(218.00, -58.00)	34.11	Anticlockwise
6	(196.00, -113.00)	70.70	Anticlockwise
6	(160.00, -160.00)	53.76	Anticlockwise
6	(113.00, -196.00)	30.44	Anticlockwise
6	(58.00, -218.00)	2.19	Anticlockwise
6	(0.00, -226.00)	52.46	Anticlockwise
6	(-58.00, -218.00)	-1.35	Clockwise
6	(-113.00, -196.00)	-81.50	Clockwise
6	(-160.00, -160.00)	-3.76	Clockwise
6	(-196.00, -113.00)	41.20	Anticlockwise
6	(-218.00, -58.00)	73.31	Anticlockwise
6	(-226.00, 0.00)	-56.95	Clockwise
6	(-218.00, 58.00)	88.06	Anticlockwise
6	(-196.00, 113.00)	55.99	Anticlockwise
6	(-160.00, 160.00)	13.00	Anticlockwise
6	(-113.00, 196.00)	15.93	Anticlockwise
6	(-58.00, 218.00)	31.01	Anticlockwise
6	(0.00, 226.00)	65.41	Anticlockwise
6	(58.00, 218.00)	34.90	Anticlockwise
6	(113.00, 196.00)	-78.80	Clockwise
6	(160.00, 160.00)	49.09	Anticlockwise
6	(196.00, 113.00)	7.52	Anticlockwise
6	(218.00, 58.00)	33.43	Anticlockwise
7	(269.00, 0.00)	51.21	Anticlockwise
7	(262.00, -60.00)	40.32	Anticlockwise
7	(242.00, -117.00)	46.29	Anticlockwise
7	(210.00, -168.00)	59.68	Anticlockwise
7	(168.00, -210.00)	63.33	Anticlockwise
7	(117.00, -242.00)	-8.12	Clockwise

Ring	Coordinate	Angle (α′)	Pattern
7	(60.00, -262.00)	49.55	Anticlockwise
7	(0.00, -269.00)	-83.78	Clockwise
7	(-60.00, -262.00)	35.38	Anticlockwise
7	(-117.00, -242.00)	-89.19	Clockwise
7	(-168.00, -210.00)	-67.96	Clockwise
7	(-210.00, -168.00)	-52.55	Clockwise
7	(-242.00, -117.00)	-84.99	Clockwise
7	(-262.00, -60.00)	35.04	Anticlockwise
7	(-269.00, 0.00)	-45.59	Clockwise
7	(-262.00, 60.00)	77.15	Anticlockwise
7	(-242.00, 117.00)	-33.64	Clockwise
7	(-210.00, 168.00)	73.25	Anticlockwise
7	(-168.00, 210.00)	40.27	Anticlockwise
7	(-117.00, 242.00)	48.43	Anticlockwise
7	(-60.00, 262.00)	46.57	Anticlockwise
7	(0.00, 269.00)	51.78	Anticlockwise
7	(60.00, 262.00)	-38.23	Clockwise
7	(117.00, 242.00)	27.87	Anticlockwise
7	(168.00, 210.00)	75.93	Anticlockwise
7	(210.00, 168.00)	-78.71	Clockwise
7	(242.00, 117.00)	-59.12	Clockwise
7	(262.00, 60.00)	77.52	Anticlockwise
8	(313.00, 0.00)	49.36	Anticlockwise
8	(307.00, -61.00)	61.83	Anticlockwise
8	(289.00, -120.00)	36.04	Anticlockwise
8	(260.00, -174.00)	50.68	Anticlockwise
8	(221.00, -221.00)	40.78	Anticlockwise
8	(174.00, -260.00)	55.78	Anticlockwise
8	(120.00, -289.00)	-15.67	Clockwise
8	(61.00, -307.00)	50.97	Anticlockwise

Ring	Coordinate	Angle (α′)	Pattern
8	(0.00, -313.00)	-40.51	Clockwise
8	(-61.00, -307.00)	79.94	Anticlockwise
8	(-120.00, -289.00)	-35.42	Clockwise
8	(-174.00, -260.00)	-2.69	Clockwise
8	(-221.00, -221.00)	36.96	Anticlockwise
8	(-260.00, -174.00)	-65.14	Clockwise
8	(-289.00, -120.00)	-88.63	Clockwise
8	(-307.00, -61.00)	56.99	Anticlockwise
8	(-313.00, 0.00)	-21.26	Clockwise
8	(-307.00, 61.00)	80.49	Anticlockwise
8	(-289.00, 120.00)	-22.03	Clockwise
8	(-260.00, 174.00)	25.23	Anticlockwise
8	(-221.00, 221.00)	57.28	Anticlockwise
8	(-174.00, 260.00)	64.67	Anticlockwise
8	(-120.00, 289.00)	60.28	Anticlockwise
8	(-61.00, 307.00)	45.98	Anticlockwise
8	(0.00, 313.00)	29.32	Anticlockwise
8	(61.00, 307.00)	58.96	Anticlockwise
8	(120.00, 289.00)	-84.66	Clockwise
8	(174.00, 260.00)	75.98	Anticlockwise
8	(221.00, 221.00)	43.22	Anticlockwise
8	(260.00, 174.00)	70.20	Anticlockwise
8	(289.00, 120.00)	80.11	Anticlockwise
8	(307.00, 61.00)	6.28	Anticlockwise
9	(356.00, 0.00)	14.53	Anticlockwise
9	(351.00, -62.00)	26.11	Anticlockwise
9	(335.00, -122.00)	20.64	Anticlockwise
9	(308.00, -178.00)	-56.96	Clockwise
9	(273.00, -229.00)	14.73	Anticlockwise
9	(229.00, -273.00)	87.92	Anticlockwise

Ring	Coordinate	Angle (α′)	Pattern
9	(178.00, -308.00)	-1.25	Clockwise
9	(122.00, -335.00)	73.74	Anticlockwise
9	(62.00, -351.00)	-84.21	Clockwise
9	(0.00, -356.00)	76.69	Anticlockwise
9	(-62.00, -351.00)	32.87	Anticlockwise
9	(-122.00, -335.00)	-68.13	Clockwise
9	(-178.00, -308.00)	66.66	Anticlockwise
9	(-229.00, -273.00)	89.51	Anticlockwise
9	(-273.00, -229.00)	-35.69	Clockwise
9	(-308.00, -178.00)	60.76	Anticlockwise
9	(-335.00, -122.00)	34.02	Anticlockwise
9	(-351.00, -62.00)	-37.24	Clockwise
9	(-356.00, 0.00)	80.60	Anticlockwise
9	(-351.00, 62.00)	39.98	Anticlockwise
9	(-335.00, 122.00)	-11.71	Clockwise
9	(-308.00, 178.00)	-54.18	Clockwise
9	(-273.00, 229.00)	70.72	Anticlockwise
9	(-229.00, 273.00)	72.95	Anticlockwise
9	(-178.00, 308.00)	-86.84	Clockwise
9	(-122.00, 335.00)	61.01	Anticlockwise
9	(-62.00, 351.00)	34.50	Anticlockwise
9	(0.00, 356.00)	-14.56	Clockwise
9	(62.00, 351.00)	16.42	Anticlockwise
9	(122.00, 335.00)	40.37	Anticlockwise
9	(178.00, 308.00)	-28.53	Clockwise
9	(229.00, 273.00)	-17.10	Clockwise
9	(273.00, 229.00)	20.38	Anticlockwise
9	(308.00, 178.00)	30.05	Anticlockwise
9	(335.00, 122.00)	-58.97	Clockwise
9	(351.00, 62.00)	-59.45	Clockwise

Ring	Coordinate	Angle (α′)	Pattern
SUMMARY	n_vectors=180	nan	Anticlockwise