

Per-file Report

File: Front_EE1_1_3000x.tif

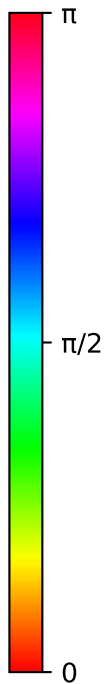
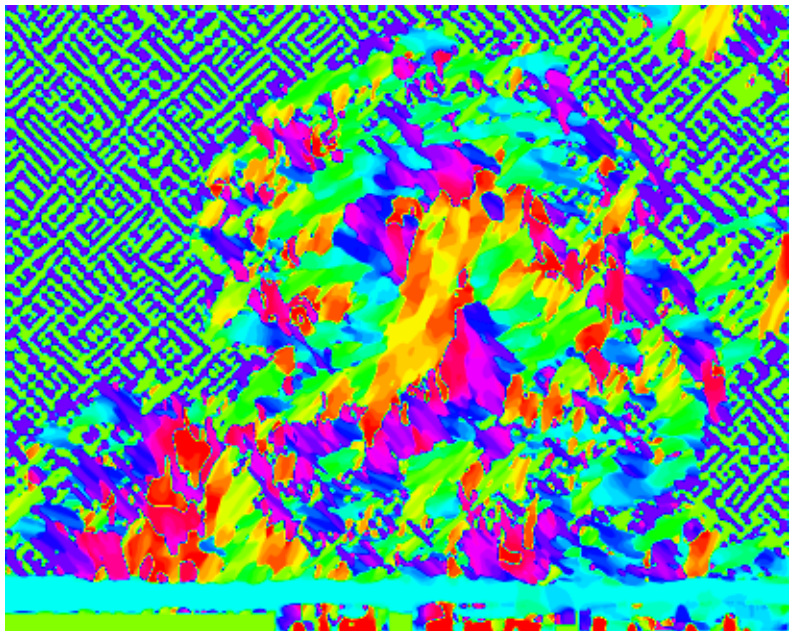
Pattern: Anticlockwise

n_vectors: 136 | cw_frac: 0.380 | acw_frac: 0.620 | div_frac: 1.000

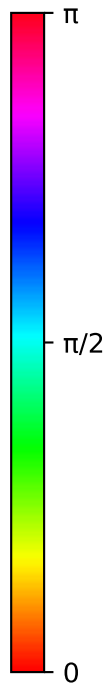
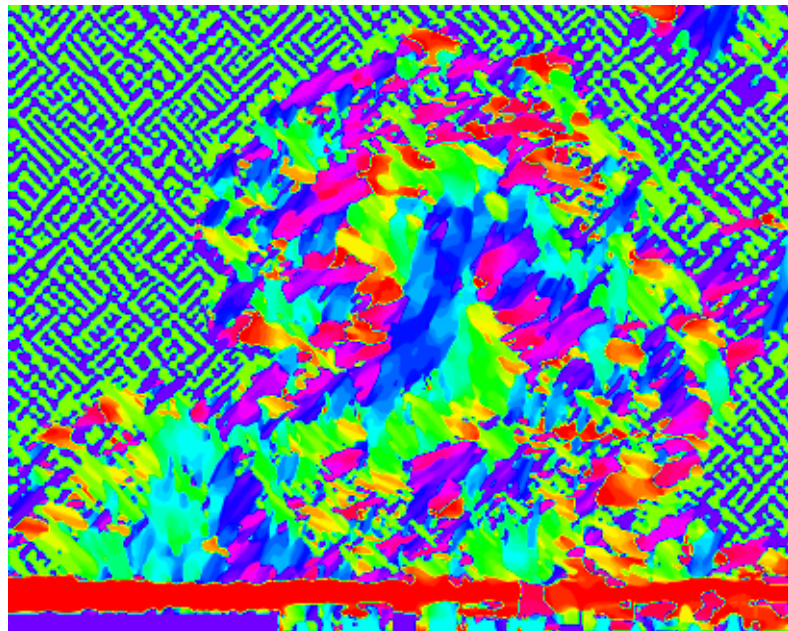
Rotation ($\phi_{\perp \rightarrow \text{horizontal}}$): -89.65° | Center=(632,477)

Gabor angle maps (original, not rotated)

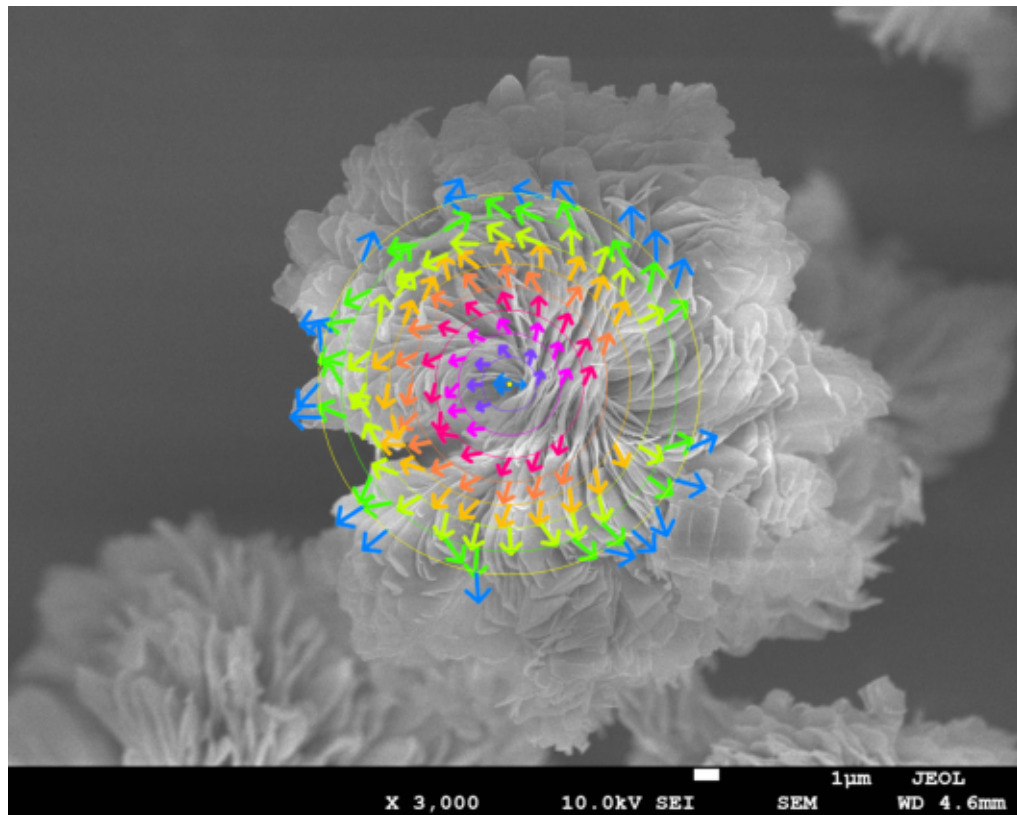
Dominant Tangent (0→ π)



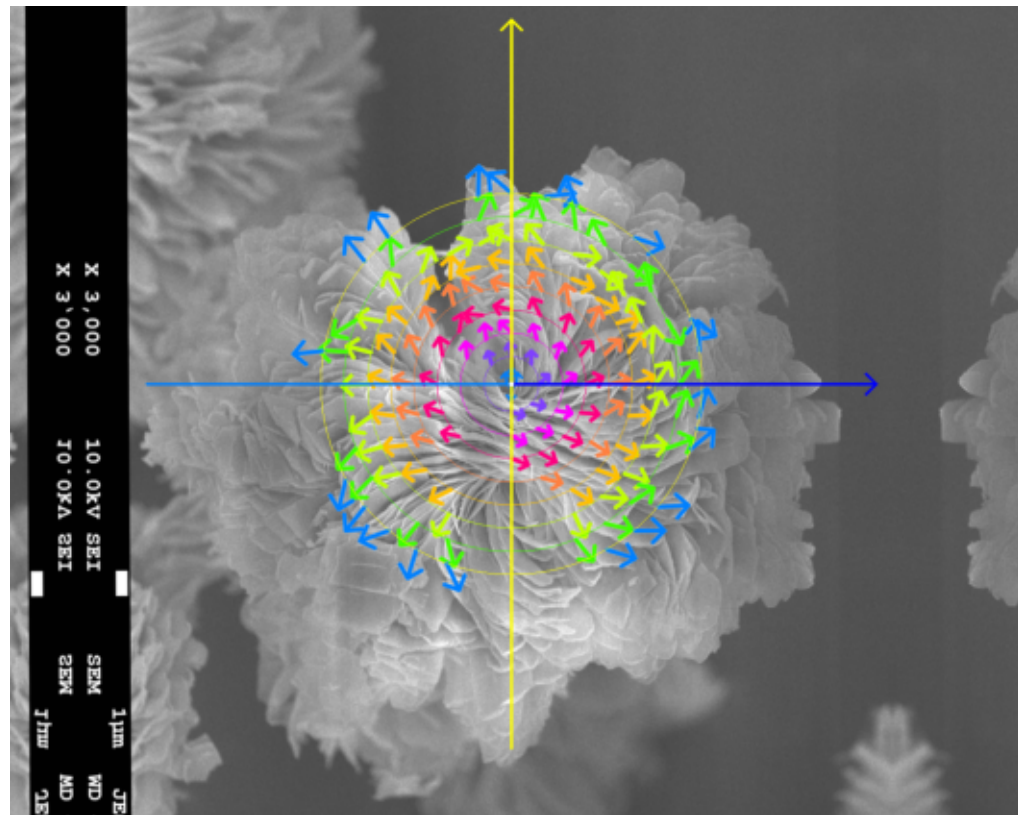
Dominant Normal (0→ π)



Before rotation



After rotation (Code A)
(angle=-89.65°)



Ring coordinates + Angle(α') + Pattern (page 1/5)

Ring	Coordinate	Angle (α')	Pattern
1	(6.00, 0.00)	83.01	Anticlockwise
1	(0.00, -6.00)	-2.15	Clockwise
1	(-6.00, 0.00)	-82.12	Clockwise
1	(0.00, 6.00)	-5.84	Clockwise
2	(35.00, 0.00)	45.18	Anticlockwise
2	(25.00, -25.00)	35.91	Anticlockwise
2	(0.00, -35.00)	73.96	Anticlockwise
2	(-25.00, 25.00)	-29.01	Clockwise
2	(0.00, 35.00)	8.55	Anticlockwise
2	(25.00, 25.00)	45.49	Anticlockwise
3	(65.00, 0.00)	35.91	Anticlockwise
3	(56.00, -33.00)	19.48	Anticlockwise
3	(32.00, -56.00)	42.57	Anticlockwise
3	(0.00, -65.00)	63.48	Anticlockwise
3	(-56.00, 33.00)	-54.75	Clockwise
3	(-32.00, 56.00)	-24.62	Clockwise
3	(0.00, 65.00)	47.54	Anticlockwise
3	(32.00, 56.00)	42.84	Anticlockwise
3	(56.00, 33.00)	40.16	Anticlockwise
4	(94.00, 0.00)	22.07	Anticlockwise
4	(87.00, -36.00)	17.56	Anticlockwise
4	(66.00, -66.00)	24.60	Anticlockwise
4	(36.00, -87.00)	38.11	Anticlockwise
4	(0.00, -94.00)	69.09	Anticlockwise
4	(-66.00, -66.00)	-58.75	Clockwise
4	(-87.00, -36.00)	-42.55	Clockwise
4	(-94.00, 0.00)	-28.23	Clockwise
4	(-87.00, 36.00)	-57.77	Clockwise
4	(-66.00, 66.00)	-55.33	Clockwise
4	(-36.00, 87.00)	62.90	Anticlockwise

Ring coordinates + Angle(α') + Pattern (page 2/5)

Ring	Coordinate	Angle (α')	Pattern
4	(0.00, 94.00)	77.08	Anticlockwise
4	(36.00, 87.00)	49.41	Anticlockwise
4	(66.00, 66.00)	26.46	Anticlockwise
4	(87.00, 36.00)	29.86	Anticlockwise
5	(124.00, 0.00)	12.57	Anticlockwise
5	(118.00, -38.00)	49.82	Anticlockwise
5	(100.00, -73.00)	3.19	Anticlockwise
5	(38.00, -118.00)	56.92	Anticlockwise
5	(-100.00, -73.00)	-51.21	Clockwise
5	(-118.00, -38.00)	-34.27	Clockwise
5	(-124.00, 0.00)	-16.71	Clockwise
5	(-118.00, 38.00)	-44.09	Clockwise
5	(-100.00, 73.00)	-31.75	Clockwise
5	(-73.00, 100.00)	-23.74	Clockwise
5	(-38.00, 118.00)	43.08	Anticlockwise
5	(0.00, 124.00)	77.28	Anticlockwise
5	(38.00, 118.00)	45.74	Anticlockwise
5	(73.00, 100.00)	46.16	Anticlockwise
5	(100.00, 73.00)	30.03	Anticlockwise
5	(118.00, 38.00)	26.15	Anticlockwise
6	(153.00, 0.00)	20.46	Anticlockwise
6	(148.00, -40.00)	17.81	Anticlockwise
6	(133.00, -77.00)	3.61	Anticlockwise
6	(108.00, -108.00)	24.58	Anticlockwise
6	(76.00, -133.00)	29.22	Anticlockwise
6	(-76.00, -133.00)	-34.15	Clockwise
6	(-108.00, -108.00)	-34.60	Clockwise
6	(-133.00, -77.00)	-24.53	Clockwise
6	(-148.00, -40.00)	-23.67	Clockwise
6	(-153.00, 0.00)	-21.27	Clockwise

Ring coordinates + Angle(α') + Pattern (page 3/5)

Ring	Coordinate	Angle (α')	Pattern
6	(-148.00, 40.00)	-31.59	Clockwise
6	(-133.00, 77.00)	-10.68	Clockwise
6	(-108.00, 108.00)	-63.73	Clockwise
6	(-77.00, 133.00)	-31.58	Clockwise
6	(-40.00, 148.00)	88.21	Anticlockwise
6	(0.00, 153.00)	78.87	Anticlockwise
6	(40.00, 148.00)	53.92	Anticlockwise
6	(76.00, 133.00)	-81.00	Clockwise
6	(108.00, 108.00)	-70.81	Clockwise
6	(133.00, 77.00)	-14.40	Clockwise
6	(148.00, 40.00)	39.09	Anticlockwise
7	(182.00, 0.00)	57.67	Anticlockwise
7	(177.00, -40.00)	81.54	Anticlockwise
7	(164.00, -79.00)	28.57	Anticlockwise
7	(142.00, -113.00)	19.94	Anticlockwise
7	(113.00, -142.00)	45.56	Anticlockwise
7	(79.00, -164.00)	0.44	Anticlockwise
7	(-79.00, -164.00)	-6.53	Clockwise
7	(-142.00, -113.00)	-26.15	Clockwise
7	(-164.00, -79.00)	-10.30	Clockwise
7	(-177.00, -40.00)	24.01	Anticlockwise
7	(-182.00, 0.00)	3.07	Anticlockwise
7	(-177.00, 40.00)	-0.95	Clockwise
7	(-164.00, 79.00)	14.05	Anticlockwise
7	(-142.00, 113.00)	-22.08	Clockwise
7	(-113.00, 142.00)	-57.69	Clockwise
7	(-79.00, 164.00)	-85.07	Clockwise
7	(-40.00, 177.00)	-73.58	Clockwise
7	(0.00, 182.00)	63.35	Anticlockwise
7	(40.00, 177.00)	53.96	Anticlockwise

Ring coordinates + Angle(α') + Pattern (page 4/5)

Ring	Coordinate	Angle (α')	Pattern
7	(79.00, 164.00)	-70.63	Clockwise
7	(113.00, 142.00)	-87.55	Clockwise
7	(142.00, 113.00)	79.41	Anticlockwise
7	(164.00, 79.00)	88.31	Anticlockwise
7	(177.00, 40.00)	74.26	Anticlockwise
8	(212.00, 0.00)	53.35	Anticlockwise
8	(208.00, -41.00)	79.07	Anticlockwise
8	(196.00, -81.00)	43.28	Anticlockwise
8	(150.00, -150.00)	78.70	Anticlockwise
8	(118.00, -176.00)	43.30	Anticlockwise
8	(81.00, -196.00)	15.83	Anticlockwise
8	(-81.00, -196.00)	37.73	Anticlockwise
8	(-118.00, -176.00)	-4.65	Clockwise
8	(-176.00, -118.00)	11.40	Anticlockwise
8	(-196.00, -81.00)	26.17	Anticlockwise
8	(-208.00, 41.00)	7.19	Anticlockwise
8	(-196.00, 81.00)	54.90	Anticlockwise
8	(-150.00, 150.00)	-38.13	Clockwise
8	(-41.00, 208.00)	-34.55	Clockwise
8	(0.00, 212.00)	-60.34	Clockwise
8	(41.00, 208.00)	33.36	Anticlockwise
8	(81.00, 196.00)	29.10	Anticlockwise
8	(118.00, 176.00)	61.35	Anticlockwise
8	(150.00, 150.00)	-86.07	Clockwise
8	(176.00, 118.00)	69.99	Anticlockwise
8	(196.00, 81.00)	-80.85	Clockwise
9	(236.00, -42.00)	83.40	Anticlockwise
9	(226.00, -82.00)	59.96	Anticlockwise
9	(185.00, -155.00)	43.41	Anticlockwise
9	(155.00, -185.00)	50.22	Anticlockwise

Ring	Coordinate	Angle (α')	Pattern
9	(120.00, -209.00)	42.88	Anticlockwise
9	(-82.00, -226.00)	45.21	Anticlockwise
9	(-120.00, -209.00)	13.27	Anticlockwise
9	(-155.00, -185.00)	-29.54	Clockwise
9	(-185.00, -155.00)	11.47	Anticlockwise
9	(-209.00, -121.00)	46.31	Anticlockwise
9	(-237.00, 42.00)	15.79	Anticlockwise
9	(-185.00, 155.00)	-11.59	Clockwise
9	(-155.00, 185.00)	-5.93	Clockwise
9	(-42.00, 237.00)	-11.06	Clockwise
9	(0.00, 241.00)	49.21	Anticlockwise
9	(42.00, 237.00)	-73.89	Clockwise
9	(82.00, 226.00)	40.07	Anticlockwise
9	(155.00, 185.00)	-68.93	Clockwise
9	(226.00, 82.00)	-54.10	Clockwise
9	(237.00, 42.00)	83.09	Anticlockwise
SUMMARY	n_vectors=136	nan	Anticlockwise