

Per-file Report

File: Front_EE-1_2_3000x.tif

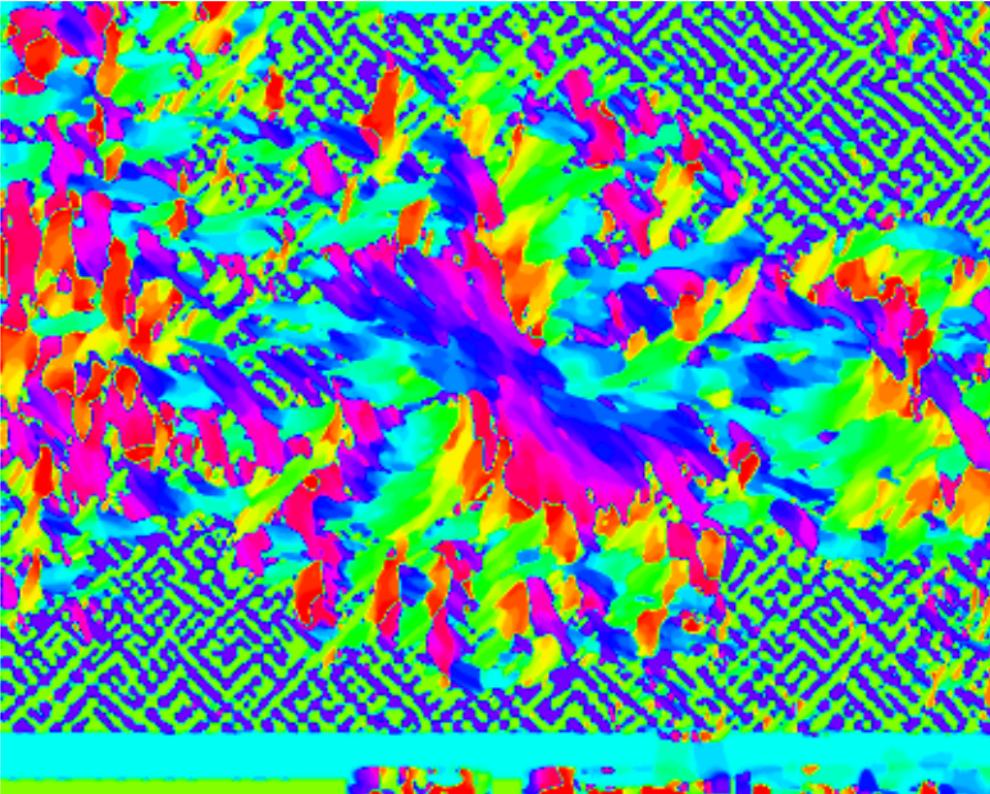
Pattern: Clockwise

n_vectors: 129 | cw_frac: 0.605 | acw_frac: 0.395 | div_frac: 1.000

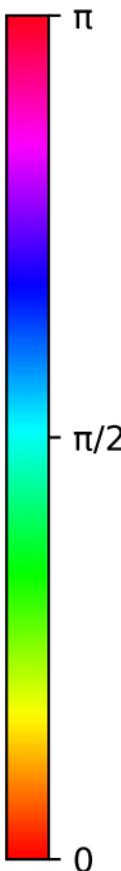
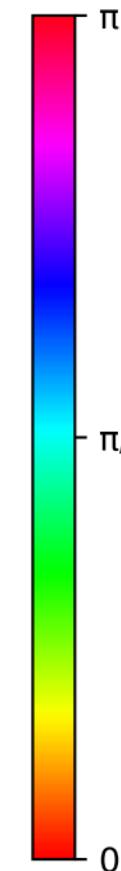
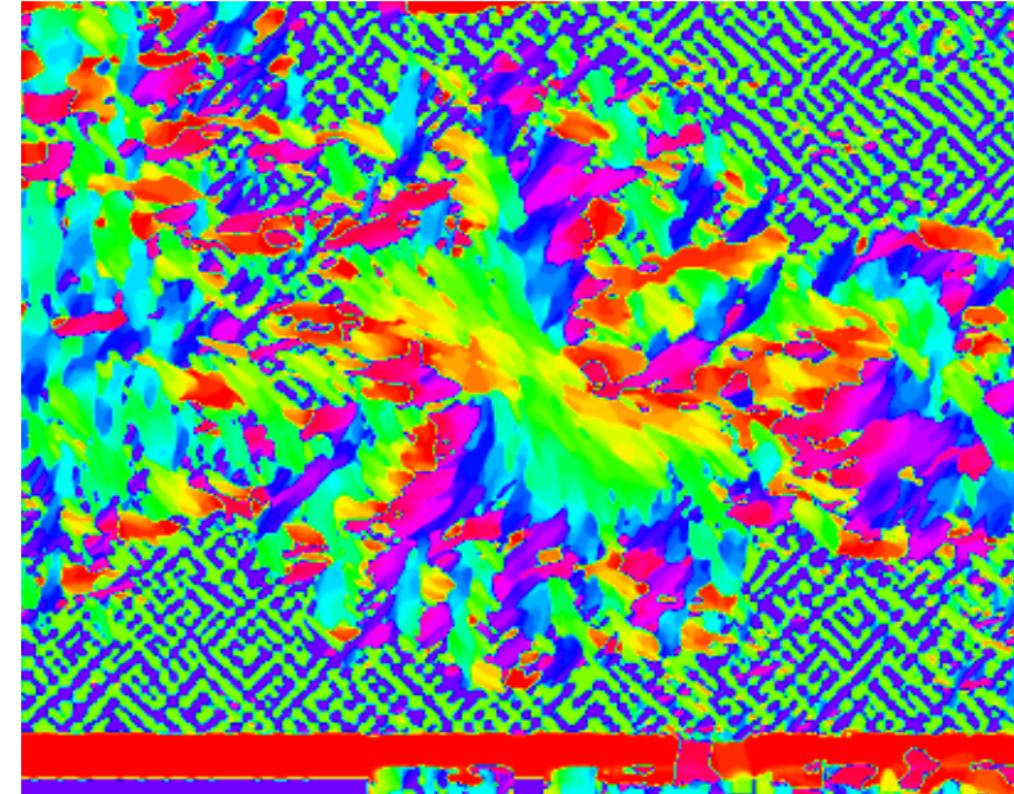
Rotation ($\phi_{\perp \rightarrow \text{horizontal}}$): 14.79° | Center=(692,602)

Gabor angle maps (original, not rotated)

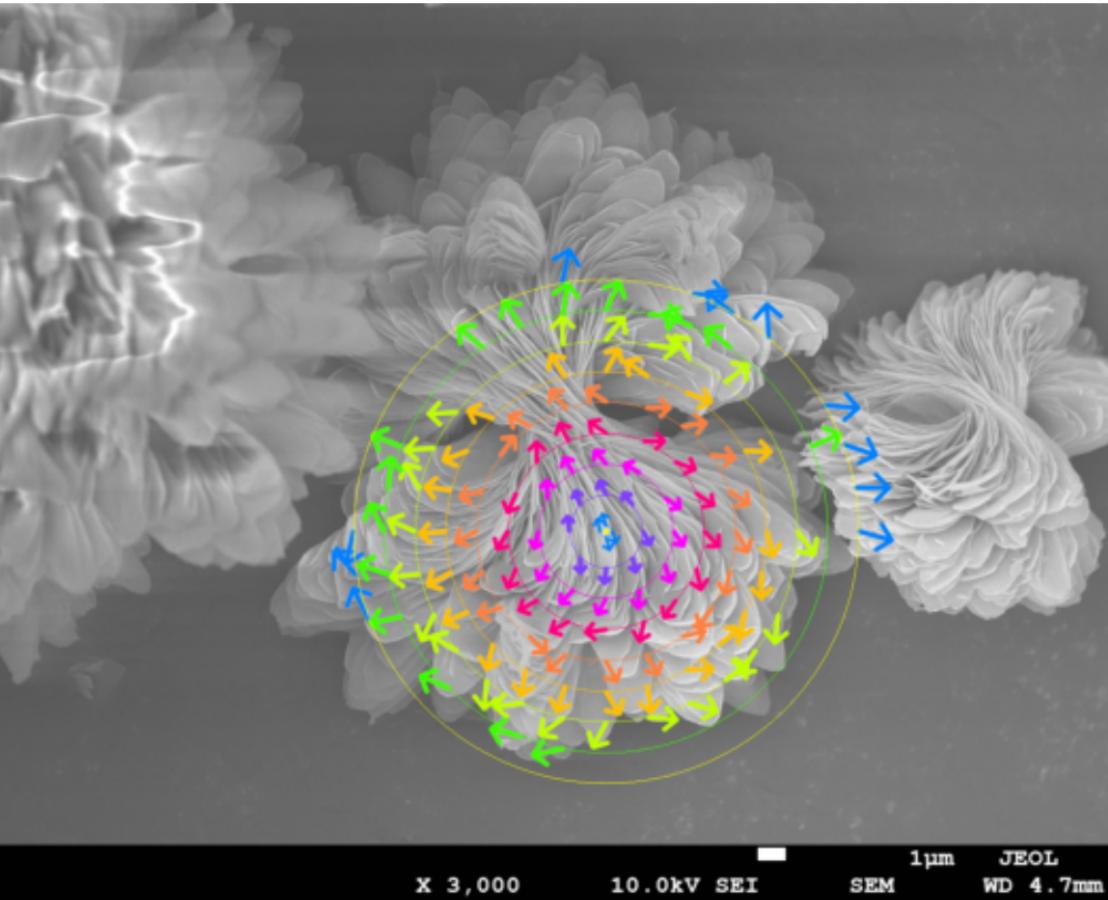
Dominant Tangent ($0 \rightarrow \pi$)



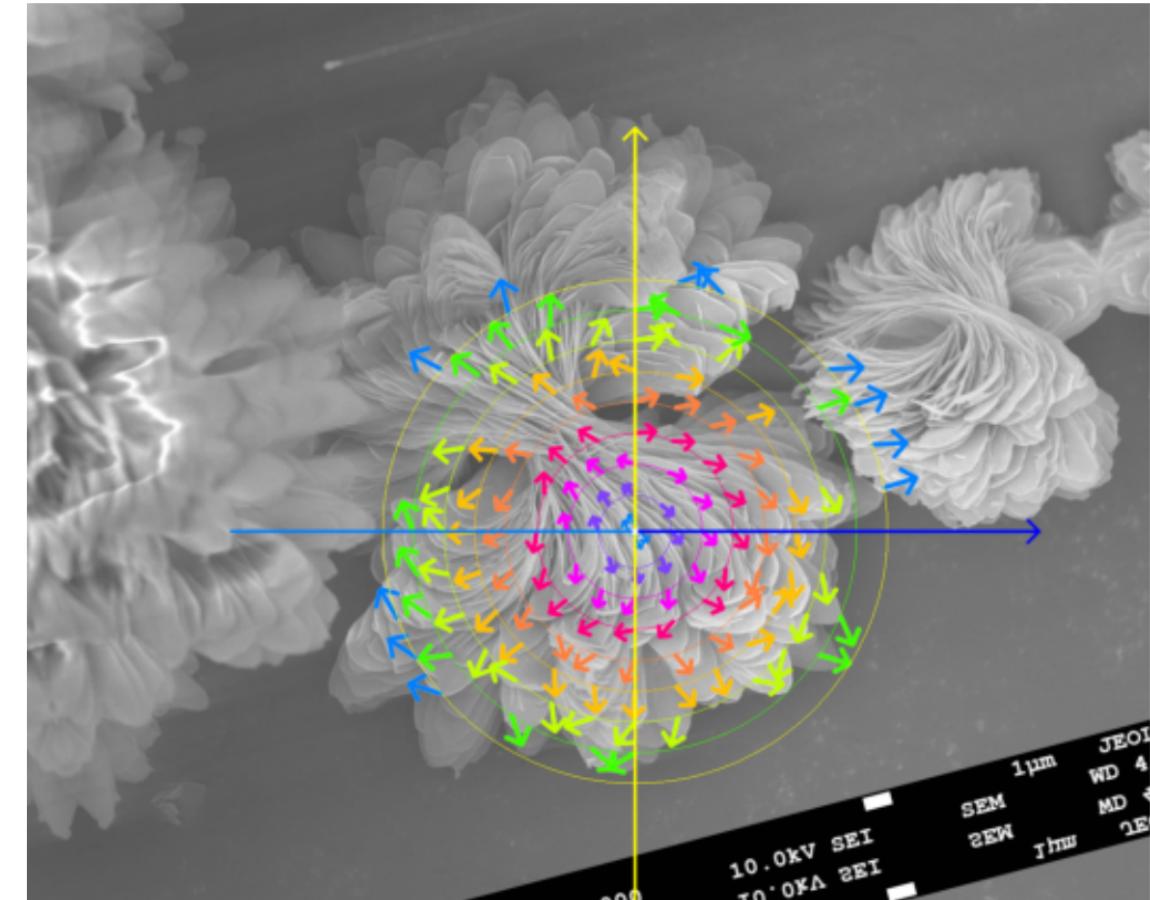
Dominant Normal ($0 \rightarrow \pi$)



Before rotation



After rotation (Code A)
(angle=14.79°)



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

Ring	Coordinate	Angle (α')	Pattern
1	(7.00, 0.00)	-58.67	Clockwise
1	(0.00, -7.00)	28.54	Anticlockwise
1	(-7.00, 0.00)	-63.16	Clockwise
1	(0.00, 7.00)	31.42	Anticlockwise
2	(42.00, 0.00)	-52.45	Clockwise
2	(30.00, -30.00)	-24.32	Clockwise
2	(0.00, -42.00)	16.11	Anticlockwise
2	(-30.00, -30.00)	62.83	Anticlockwise
2	(-42.00, 0.00)	-70.32	Clockwise
2	(-30.00, 30.00)	-11.30	Clockwise
2	(0.00, 42.00)	52.19	Anticlockwise
2	(30.00, 30.00)	-83.18	Clockwise
3	(77.00, 0.00)	-46.44	Clockwise
3	(67.00, -38.00)	-38.35	Clockwise
3	(38.00, -67.00)	-29.55	Clockwise
3	(0.00, -77.00)	-37.31	Clockwise
3	(-38.00, -67.00)	15.49	Anticlockwise
3	(-67.00, -38.00)	57.19	Anticlockwise
3	(-77.00, 0.00)	-75.58	Clockwise
3	(-67.00, 38.00)	-29.48	Clockwise
3	(-38.00, 67.00)	18.97	Anticlockwise
3	(0.00, 77.00)	74.20	Anticlockwise
3	(38.00, 67.00)	-78.42	Clockwise
3	(67.00, 38.00)	-51.38	Clockwise
4	(112.00, 0.00)	-53.02	Clockwise
4	(103.00, -43.00)	-73.44	Clockwise
4	(79.00, -79.00)	21.99	Anticlockwise
4	(43.00, -103.00)	-63.22	Clockwise
4	(0.00, -112.00)	-76.44	Clockwise
4	(-43.00, -103.00)	-39.21	Clockwise

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

Ring	Coordinate	Angle (α')	Pattern
4	(-79.00, -79.00)	-7.29	Clockwise
4	(-103.00, -43.00)	51.56	Anticlockwise
4	(-112.00, 0.00)	78.81	Anticlockwise
4	(-103.00, 43.00)	-64.13	Clockwise
4	(-79.00, 79.00)	3.35	Anticlockwise
4	(-43.00, 103.00)	36.51	Anticlockwise
4	(0.00, 112.00)	-84.86	Clockwise
4	(43.00, 103.00)	-69.06	Clockwise
4	(79.00, 79.00)	-56.16	Clockwise
4	(103.00, 43.00)	-47.16	Clockwise
5	(148.00, 0.00)	-81.10	Clockwise
5	(141.00, -46.00)	-88.93	Clockwise
5	(120.00, -87.00)	67.28	Anticlockwise
5	(87.00, -120.00)	27.28	Anticlockwise
5	(46.00, -141.00)	21.51	Anticlockwise
5	(0.00, -148.00)	-27.87	Clockwise
5	(-46.00, -141.00)	-39.39	Clockwise
5	(-87.00, -120.00)	52.40	Anticlockwise
5	(-120.00, -87.00)	26.40	Anticlockwise
5	(-141.00, -46.00)	26.89	Anticlockwise
5	(-148.00, 0.00)	27.51	Anticlockwise
5	(-141.00, 46.00)	71.07	Anticlockwise
5	(-120.00, 87.00)	25.35	Anticlockwise
5	(-46.00, 141.00)	46.56	Anticlockwise
5	(0.00, 148.00)	-73.60	Clockwise
5	(46.00, 141.00)	-61.54	Clockwise
5	(87.00, 120.00)	-44.04	Clockwise
5	(120.00, 87.00)	-50.67	Clockwise
5	(141.00, 46.00)	-63.37	Clockwise
6	(183.00, 0.00)	-75.15	Clockwise

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

Ring	Coordinate	Angle (α')	Pattern
6	(177.00, -47.00)	-67.25	Clockwise
6	(158.00, -92.00)	81.31	Anticlockwise
6	(129.00, -129.00)	60.83	Anticlockwise
6	(92.00, -158.00)	-8.63	Clockwise
6	(47.00, -177.00)	29.70	Anticlockwise
6	(0.00, -183.00)	-3.30	Clockwise
6	(-47.00, -177.00)	20.99	Anticlockwise
6	(-92.00, -158.00)	31.49	Anticlockwise
6	(-129.00, -129.00)	-8.36	Clockwise
6	(-158.00, -92.00)	13.07	Anticlockwise
6	(-177.00, -47.00)	5.97	Anticlockwise
6	(-183.00, 0.00)	6.70	Anticlockwise
6	(-177.00, 47.00)	51.02	Anticlockwise
6	(-158.00, 92.00)	26.88	Anticlockwise
6	(-92.00, 158.00)	18.59	Anticlockwise
6	(-47.00, 177.00)	-29.50	Clockwise
6	(0.00, 183.00)	69.42	Anticlockwise
6	(47.00, 177.00)	-81.21	Clockwise
6	(129.00, 129.00)	-31.40	Clockwise
6	(177.00, 47.00)	-74.85	Clockwise
7	(213.00, -49.00)	-67.05	Clockwise
7	(196.00, -95.00)	-83.52	Clockwise
7	(170.00, -136.00)	-66.28	Clockwise
7	(136.00, -170.00)	42.94	Anticlockwise
7	(49.00, -213.00)	-27.74	Clockwise
7	(0.00, -218.00)	-42.11	Clockwise
7	(-49.00, -213.00)	-59.16	Clockwise
7	(-95.00, -196.00)	32.30	Anticlockwise
7	(-136.00, -170.00)	-81.03	Clockwise
7	(-170.00, -136.00)	28.13	Anticlockwise

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

Ring	Coordinate	Angle (α')	Pattern
7	(-196.00, -95.00)	-7.65	Clockwise
7	(-213.00, -49.00)	-25.23	Clockwise
7	(-218.00, 0.00)	-50.87	Clockwise
7	(-213.00, 49.00)	34.38	Anticlockwise
7	(-196.00, 95.00)	34.43	Anticlockwise
7	(-136.00, 170.00)	20.08	Anticlockwise
7	(-95.00, 196.00)	-15.78	Clockwise
7	(-49.00, 213.00)	-41.90	Clockwise
7	(0.00, 218.00)	-83.42	Clockwise
7	(49.00, 213.00)	60.83	Anticlockwise
7	(95.00, 196.00)	-25.13	Clockwise
7	(213.00, 49.00)	-67.91	Clockwise
8	(234.00, -97.00)	-44.20	Clockwise
8	(210.00, -141.00)	17.73	Anticlockwise
8	(0.00, -253.00)	-60.24	Clockwise
8	(-49.00, -248.00)	59.03	Anticlockwise
8	(-141.00, -210.00)	53.75	Anticlockwise
8	(-210.00, -141.00)	-27.67	Clockwise
8	(-234.00, -97.00)	-56.90	Clockwise
8	(-248.00, -49.00)	-67.93	Clockwise
8	(-253.00, 0.00)	-70.72	Clockwise
8	(-179.00, 179.00)	9.45	Anticlockwise
8	(-141.00, 210.00)	4.37	Anticlockwise
8	(-97.00, 234.00)	-23.78	Clockwise
8	(0.00, 253.00)	-84.01	Clockwise
8	(49.00, 248.00)	74.75	Anticlockwise
8	(97.00, 234.00)	-88.47	Clockwise
8	(210.00, 141.00)	-15.35	Clockwise
9	(-221.00, -185.00)	-57.34	Clockwise
9	(-249.00, -144.00)	-64.41	Clockwise

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

Ring	Coordinate	Angle (α')	Pattern
9	(-271.00, -99.00)	-80.04	Clockwise
9	(-221.00, 185.00)	11.80	Anticlockwise
9	(-144.00, 249.00)	-16.06	Clockwise
9	(50.00, 284.00)	-59.80	Clockwise
9	(99.00, 271.00)	63.57	Anticlockwise
9	(221.00, 185.00)	-36.17	Clockwise
9	(249.00, 144.00)	-11.91	Clockwise
9	(271.00, 99.00)	-16.89	Clockwise
9	(284.00, 50.00)	7.40	Anticlockwise
SUMMARY	n_vectors=129	nan	Clockwise