

Frame 0 | t=0.000

Outline

Topographical polar representation

Topographical  $\theta$ -height

The figure displays three plots related to the topographical representation of a shape at  $t=0.000$ .

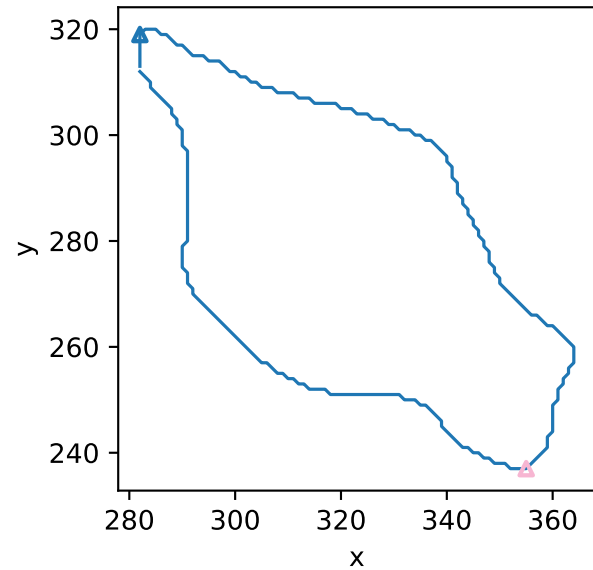
- Outline:** A 2D plot showing the boundary of the shape in the  $x$ - $y$  plane. The  $x$ -axis ranges from approximately 280 to 370, and the  $y$ -axis ranges from 240 to 310. The shape is roughly triangular with a jagged boundary.
- Topographical polar representation:** A polar plot showing the shape's boundary in terms of angle  $\theta$  (0° to 360°) and radial distance. The radial distance is marked with concentric circles at 10, 20, 30, 40, and 50. The shape is roughly triangular, with vertices near 0°, 120°, and 240°. A small blue triangle marks the peak at 315°.
- Topographical  $\theta$ -height:** A line plot showing the topographical height (y-axis, ranging from 44 to 58) as a function of the angle  $\theta$  (x-axis, ranging from 0 to 360 degrees). The plot shows a periodic, jagged function with peaks around 0°, 80°, 180°, and 300°, and troughs around 30°, 150°, and 240°.

A polar plot showing the angular distribution of the 315 peaks. The plot is circular with concentric grid lines at intervals of 10 units (10, 20, 30, 40, 50). Radial lines are drawn at 45-degree intervals, labeled from 0° to 315°. A blue curve represents the distribution, showing a primary peak at 0° (approximately 45 units) and a secondary peak at 180° (approximately 35 units). A legend in the bottom right corner identifies the blue line as '315 peaks'.

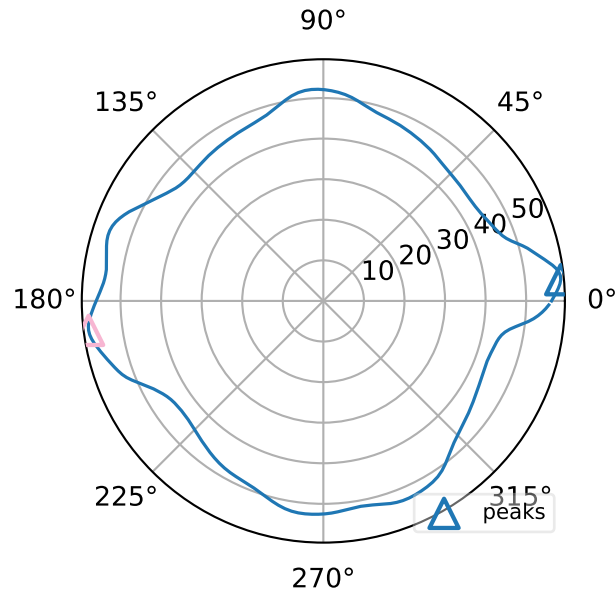
The graph displays a periodic-like function of topographic height against the angle  $\theta$ . The y-axis, labeled 'topo height', ranges from 44 to 58. The x-axis, labeled ' $\theta$  (deg)', ranges from 0 to 350. The curve starts at a peak of approximately 57 at  $\theta = 0$ , marked with a blue triangle. It then descends to a local minimum of about 46 at  $\theta \approx 25$ , followed by a series of peaks and troughs. The highest peak is at  $\theta \approx 180$  with a height of about 58. The curve ends at  $\theta = 350$  with a height of approximately 56.

Frame 1 | t=1.000

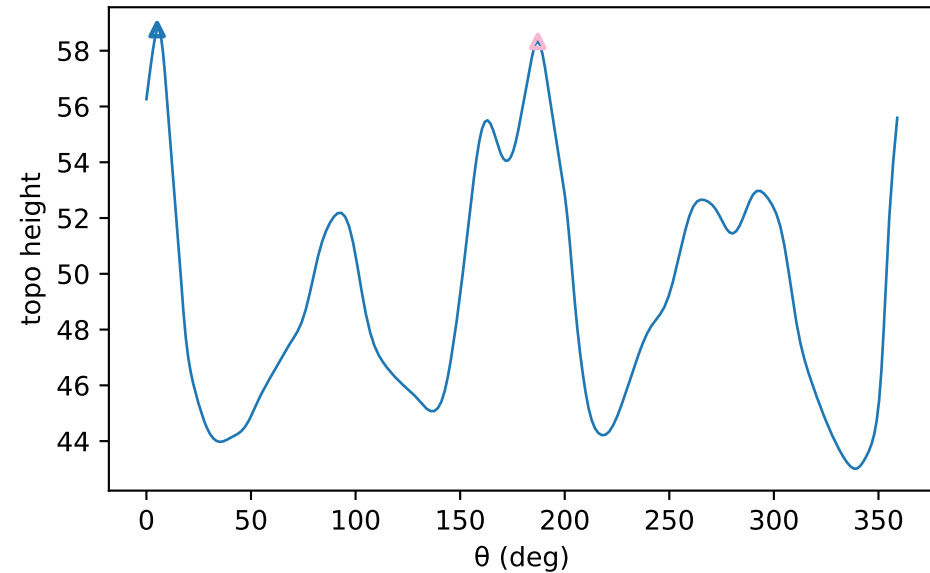
Outline



Topographical polar representation

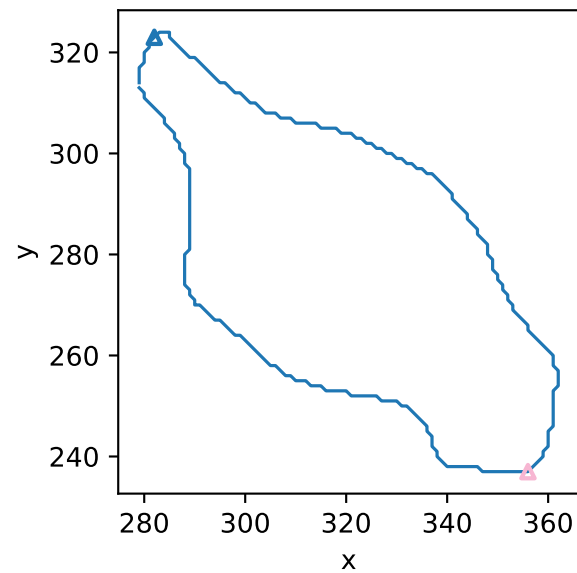


Topographical  $\theta$ -height

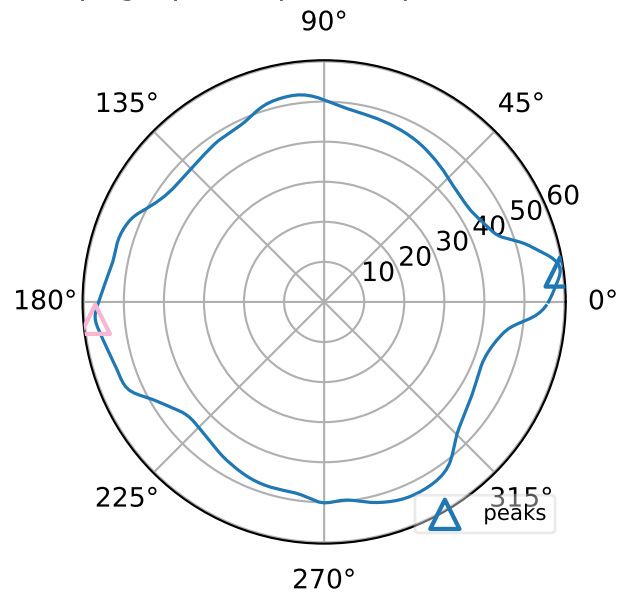


Frame 2 | t=2.000

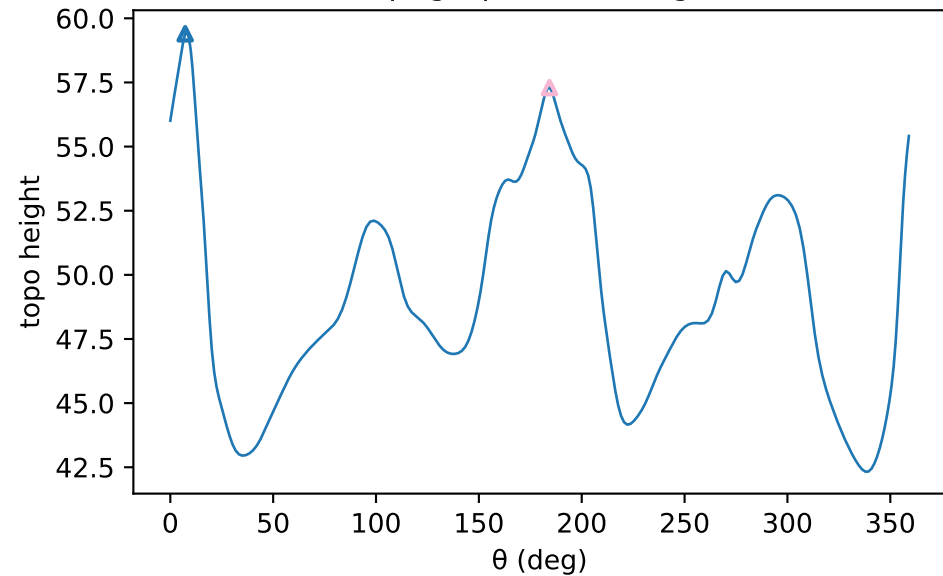
Outline



Topographical polar representation

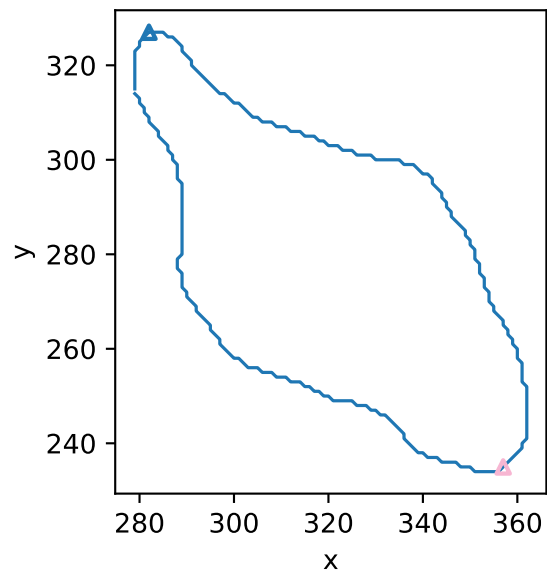


Topographical  $\theta$ -height

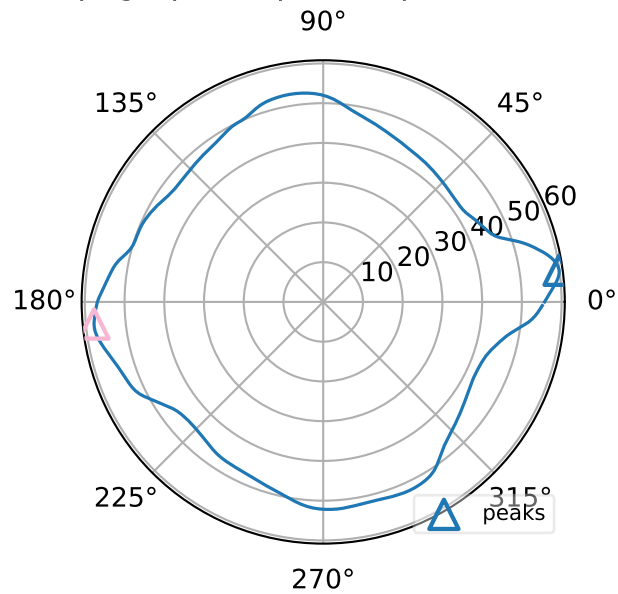


Frame 3 | t=3.000

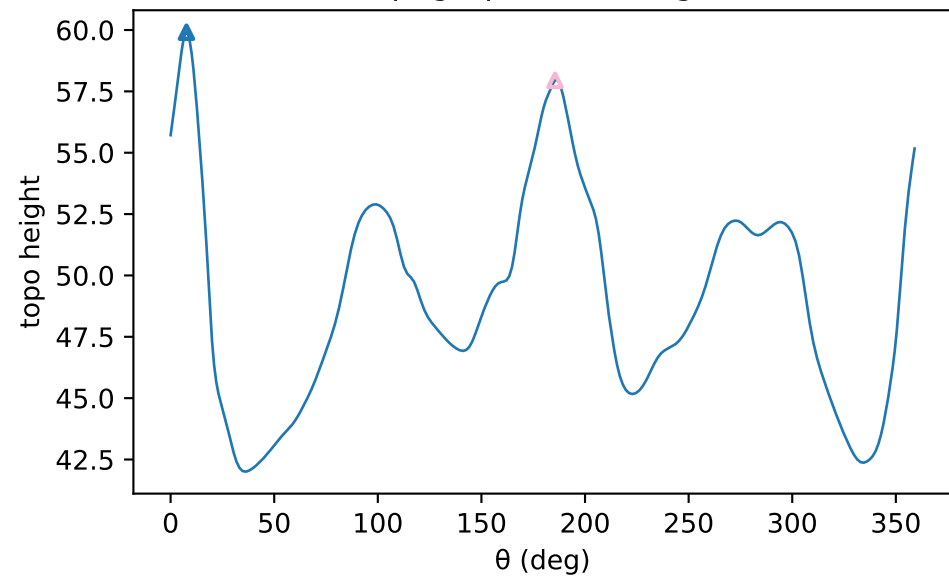
Outline



Topographical polar representation

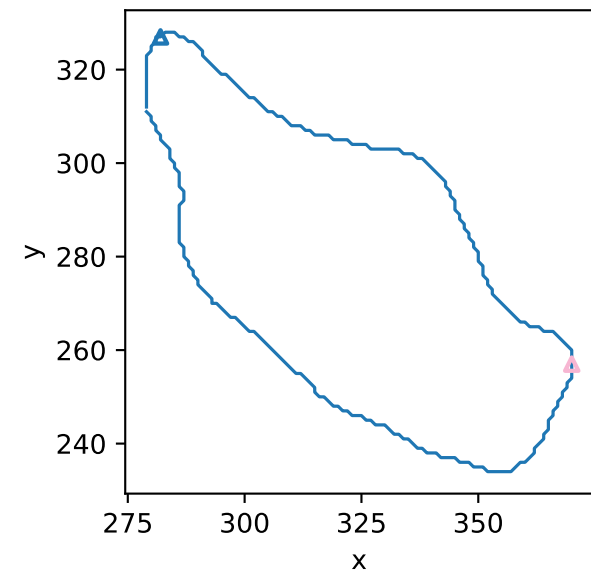


Topographical  $\theta$ -height

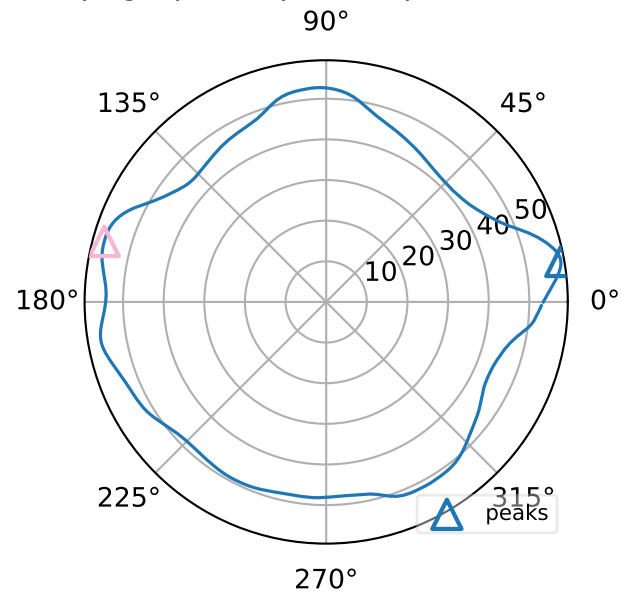


Frame 4 | t=4.000

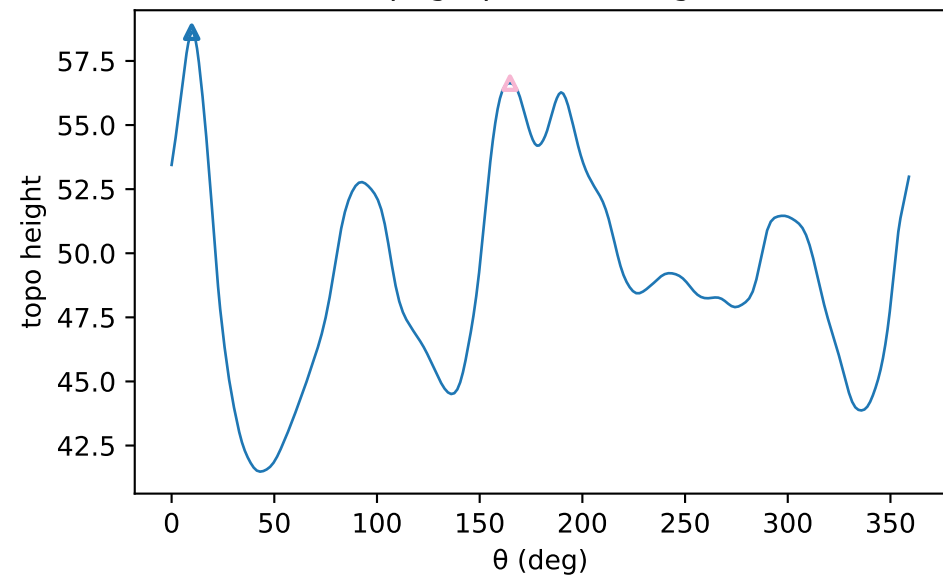
Outline



Topographical polar representation

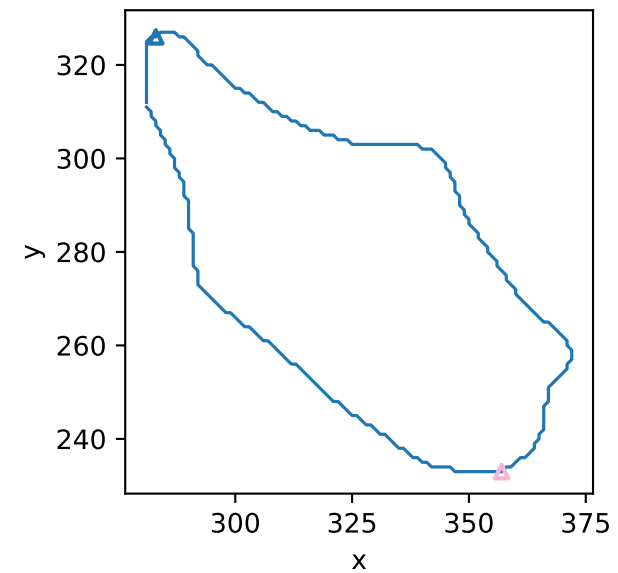


Topographical  $\theta$ -height

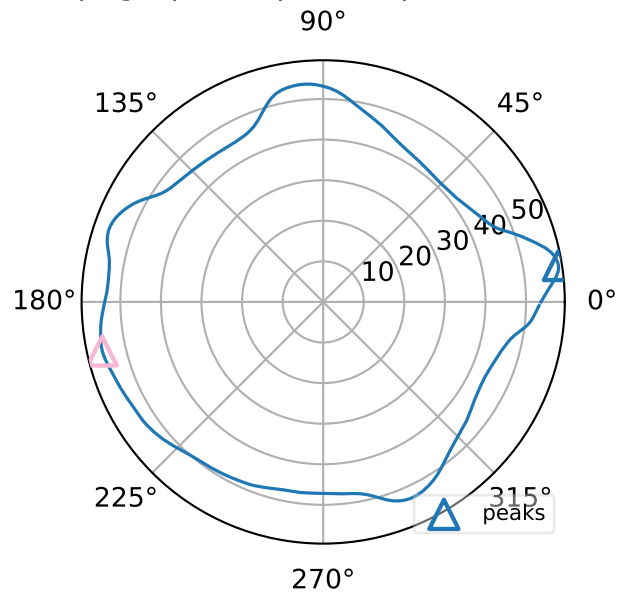


Frame 5 | t=5.000

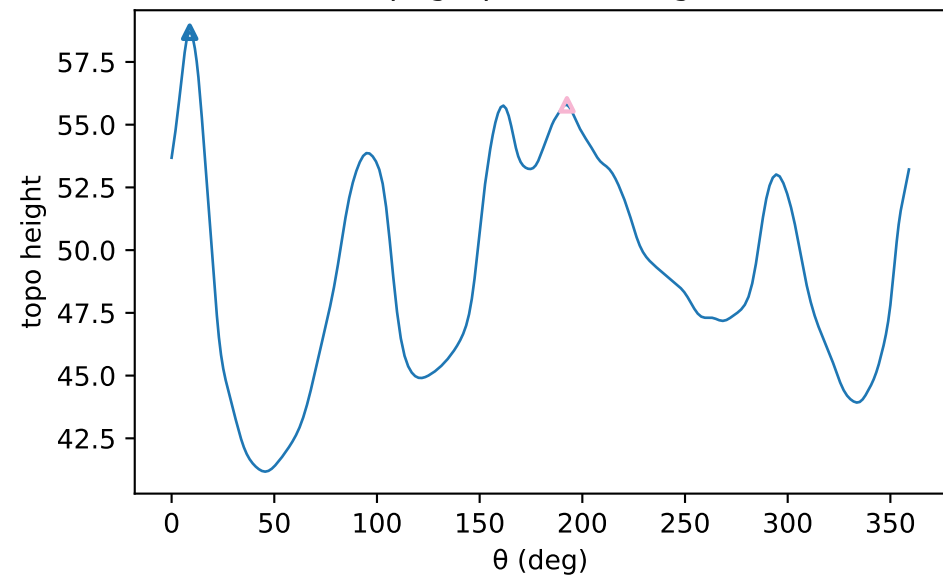
Outline



Topographical polar representation

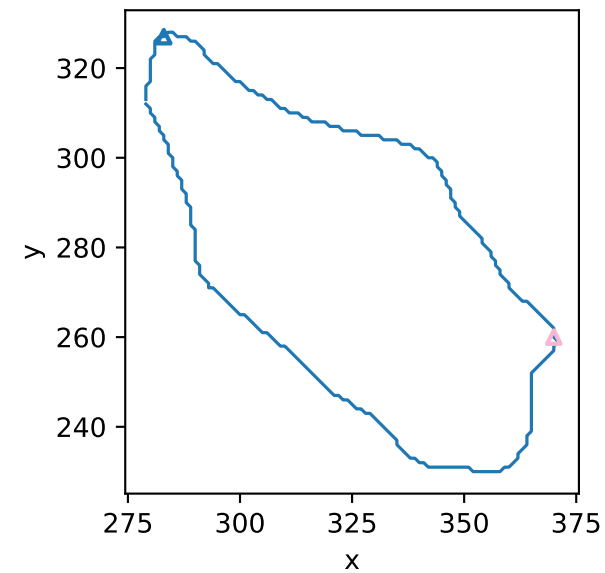


Topographical  $\theta$ -height

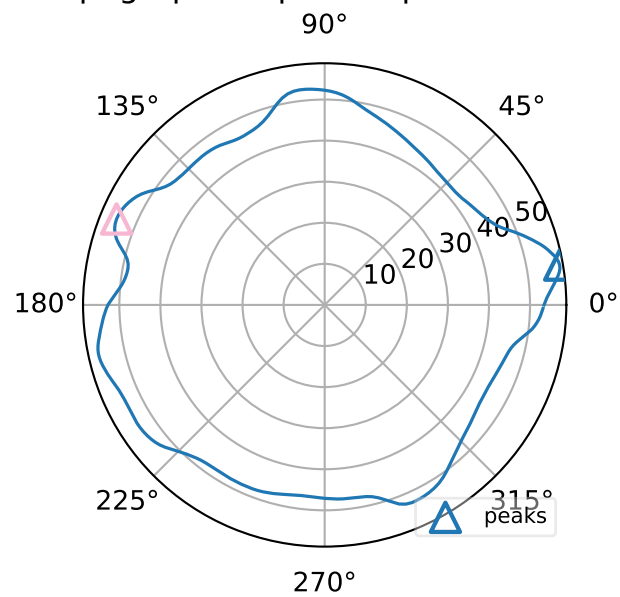


Frame 6 | t=6.000

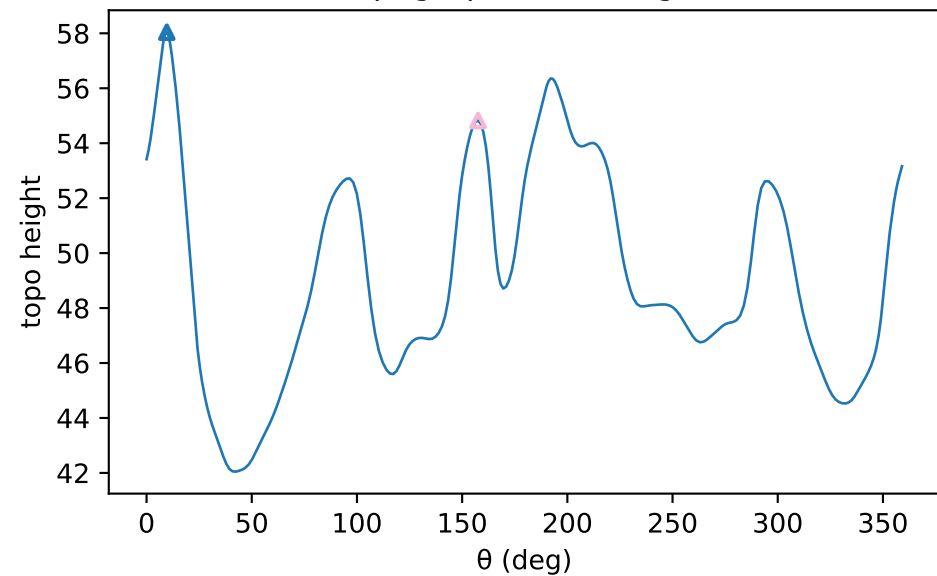
Outline



Topographical polar representation

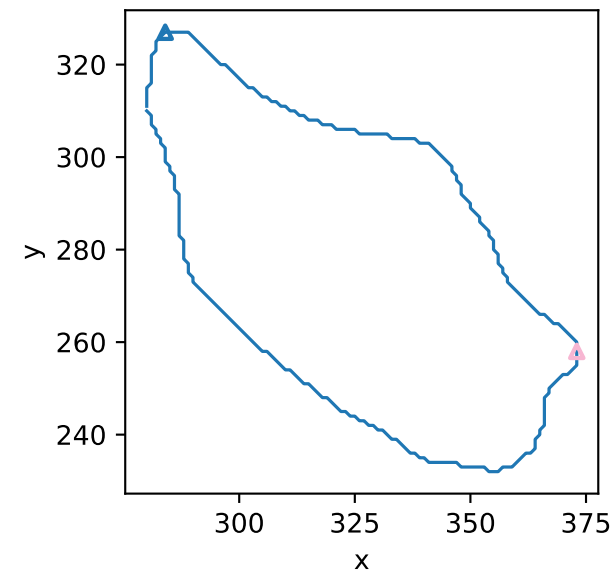


Topographical  $\theta$ -height

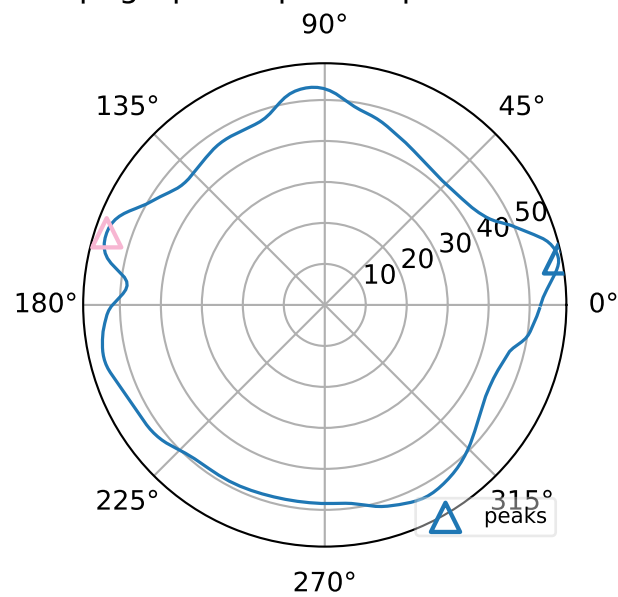


Frame 7 | t=7.000

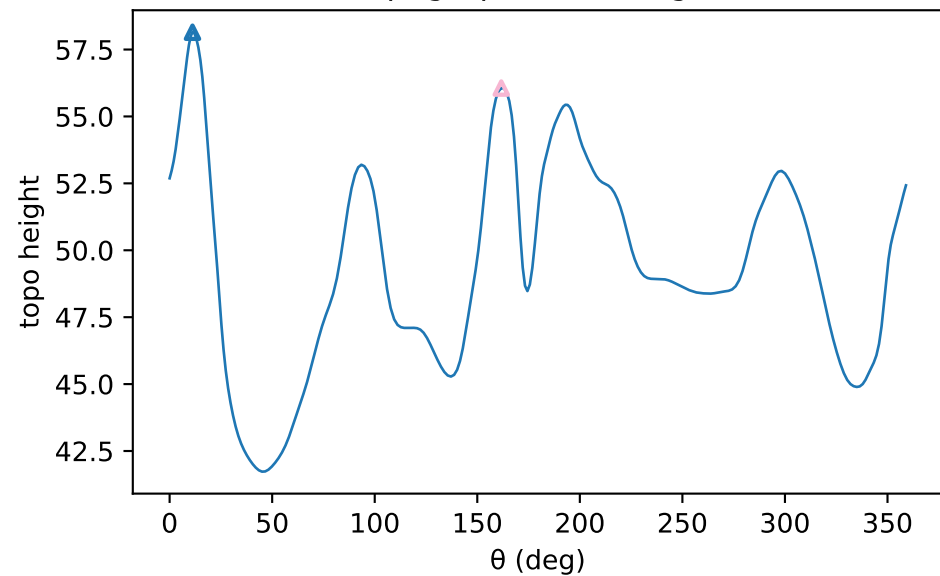
Outline



Topographical polar representation

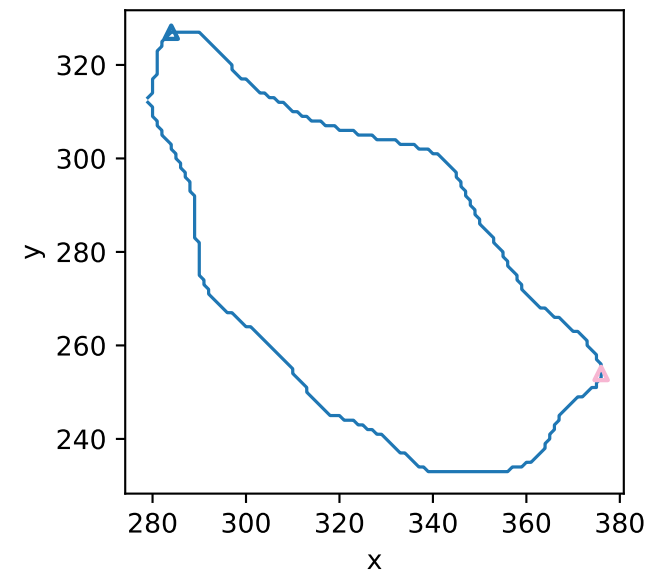


Topographical  $\theta$ -height

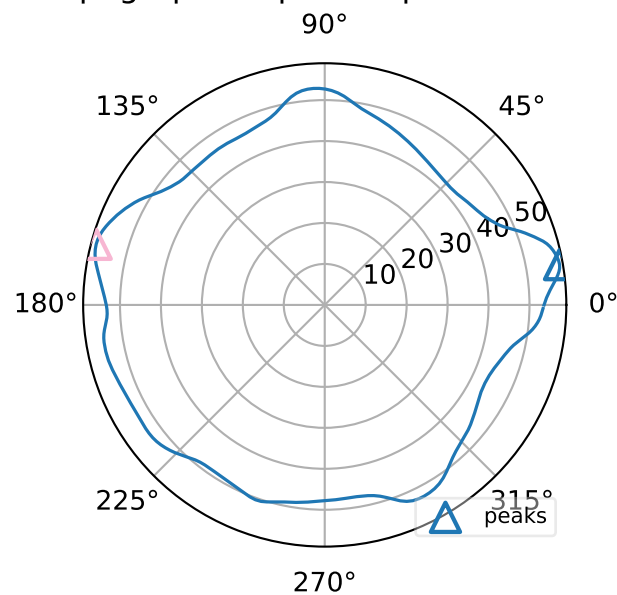
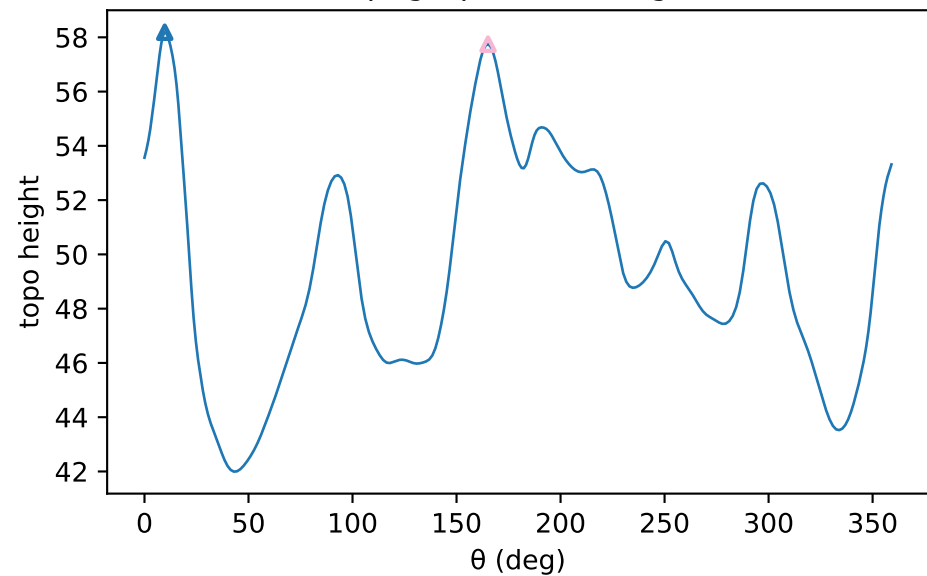




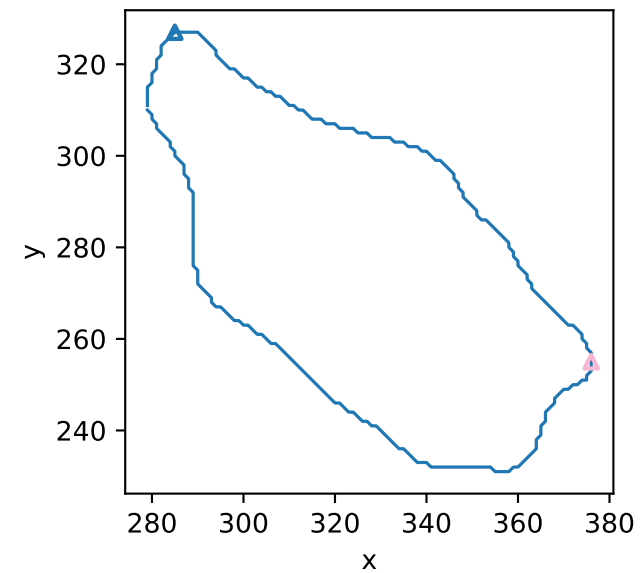
Outline



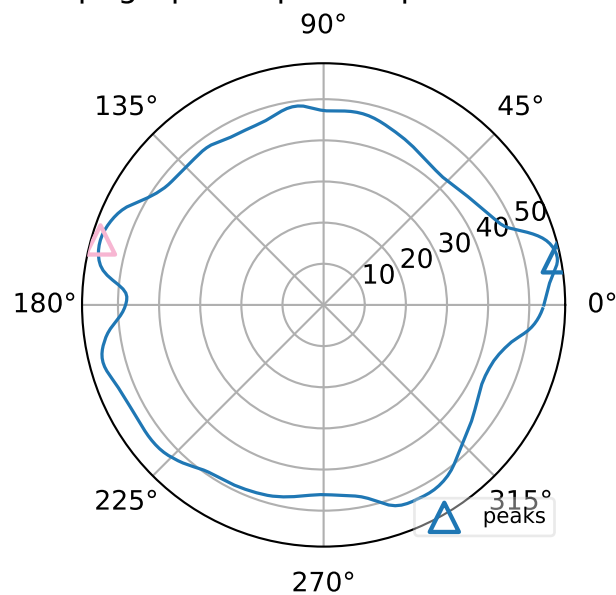
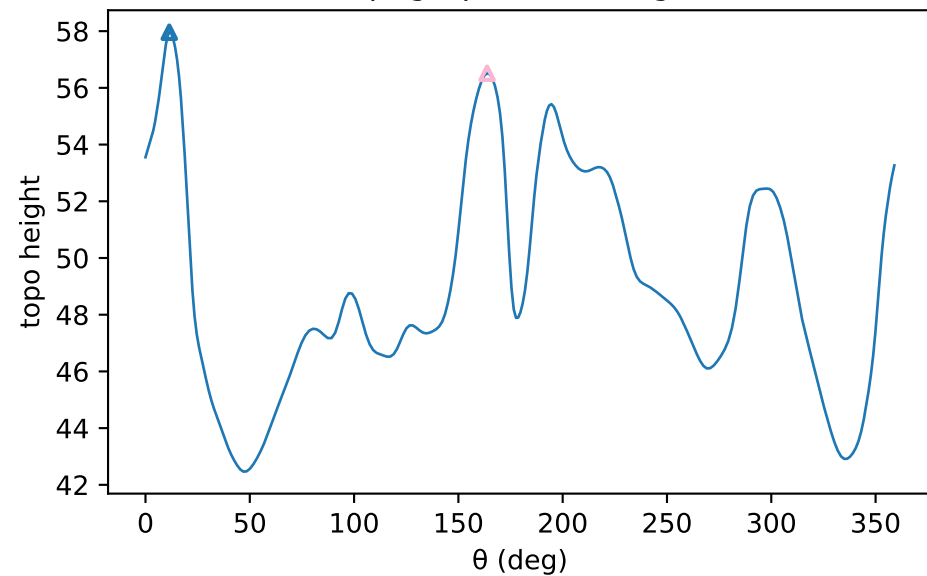
Topographical polar representation

Topographical  $\theta$ -height

Outline

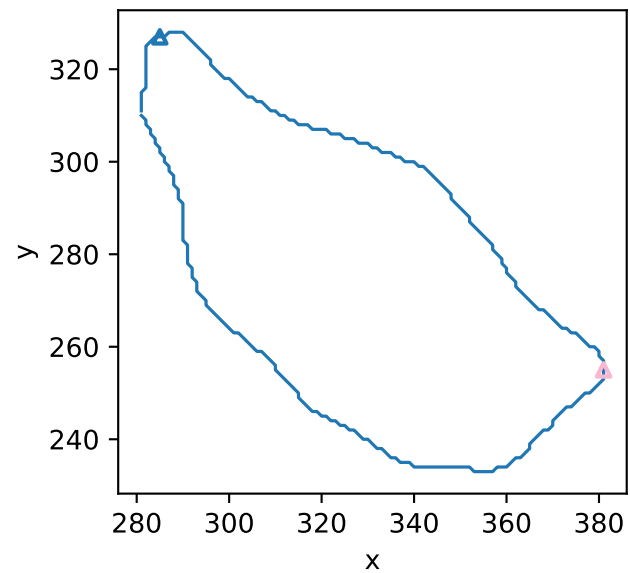


Topographical polar representation

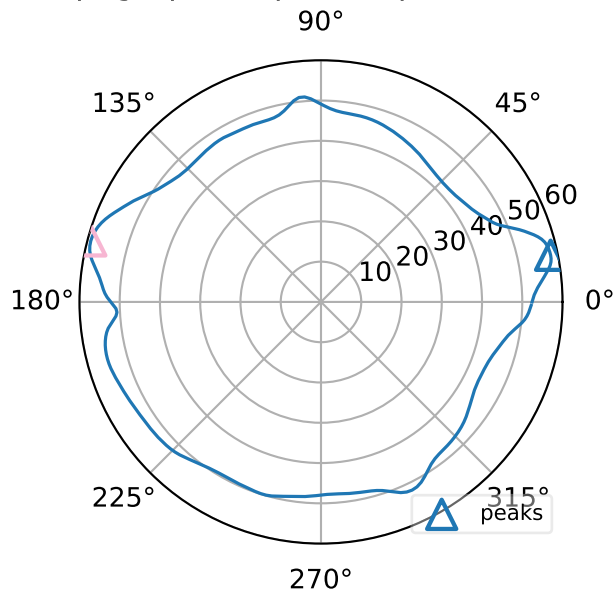
Topographical  $\theta$ -height

Frame 10 | t=10.000

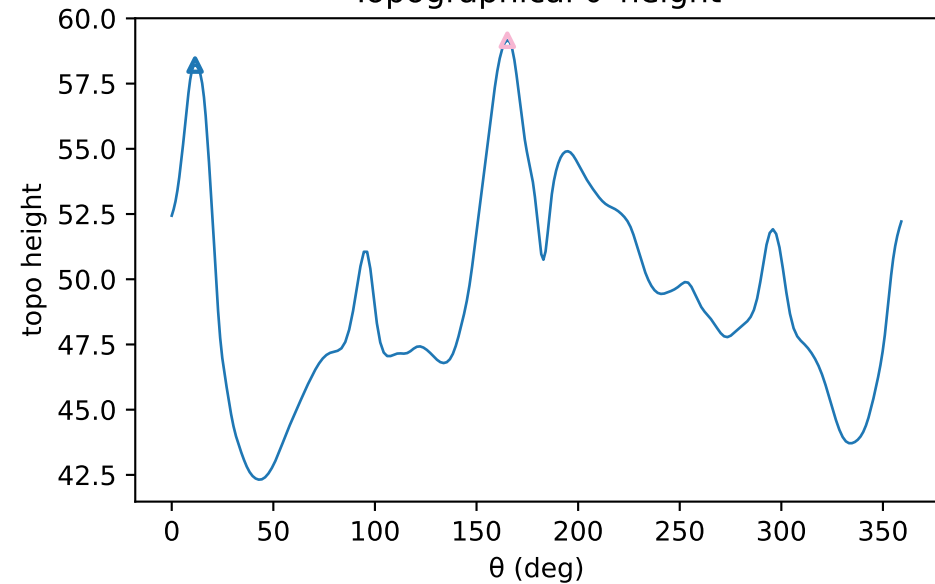
Outline



Topographical polar representation

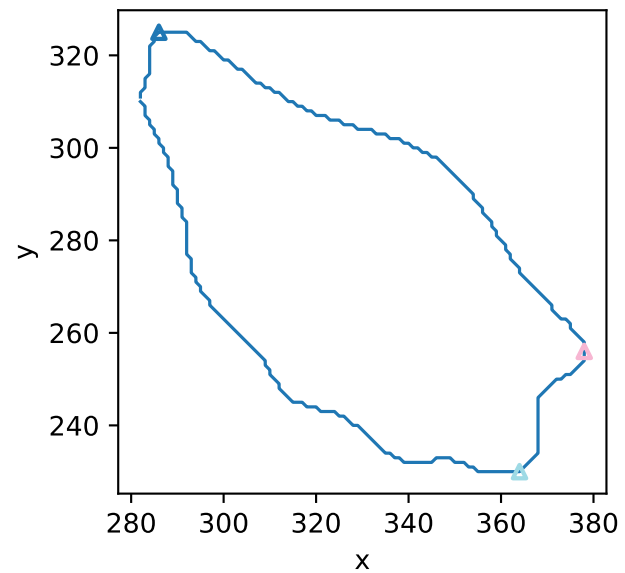


Topographical  $\theta$ -height

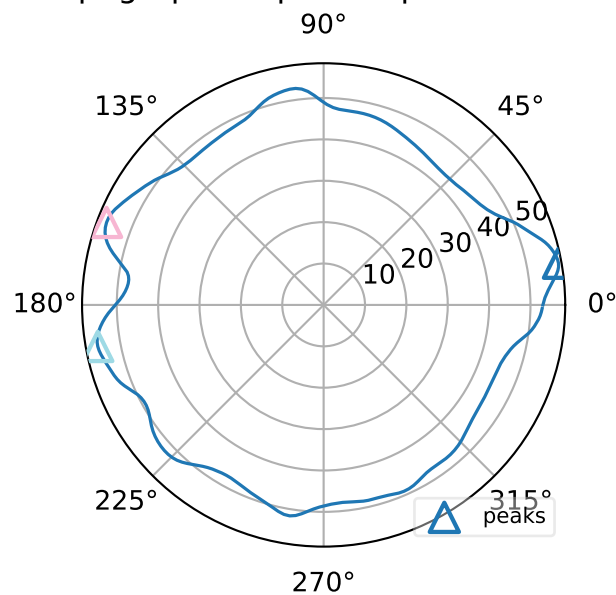


Frame 11 | t=11.000

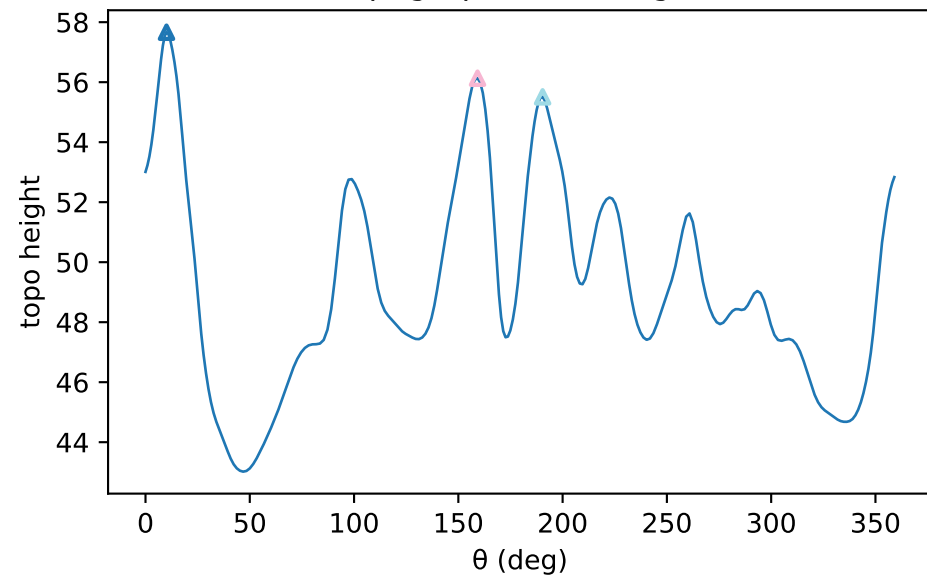
Outline



Topographical polar representation

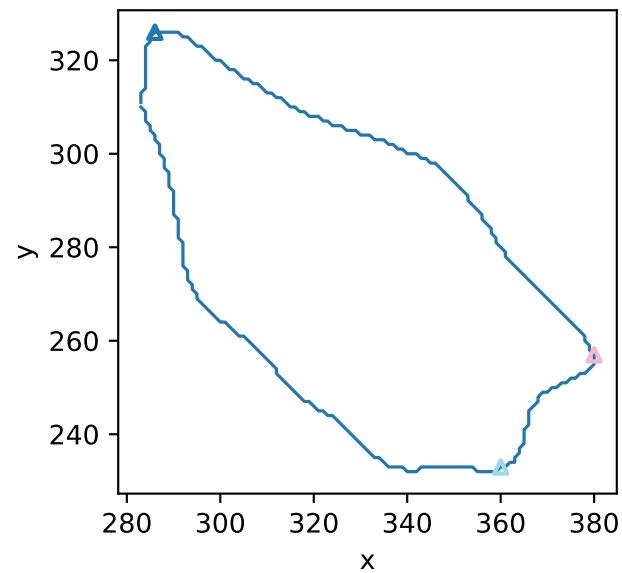


Topographical  $\theta$ -height

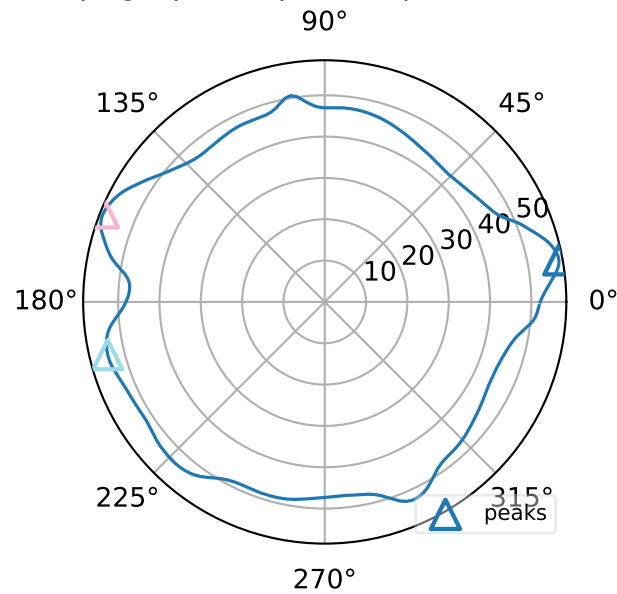


Frame 12 | t=12.000

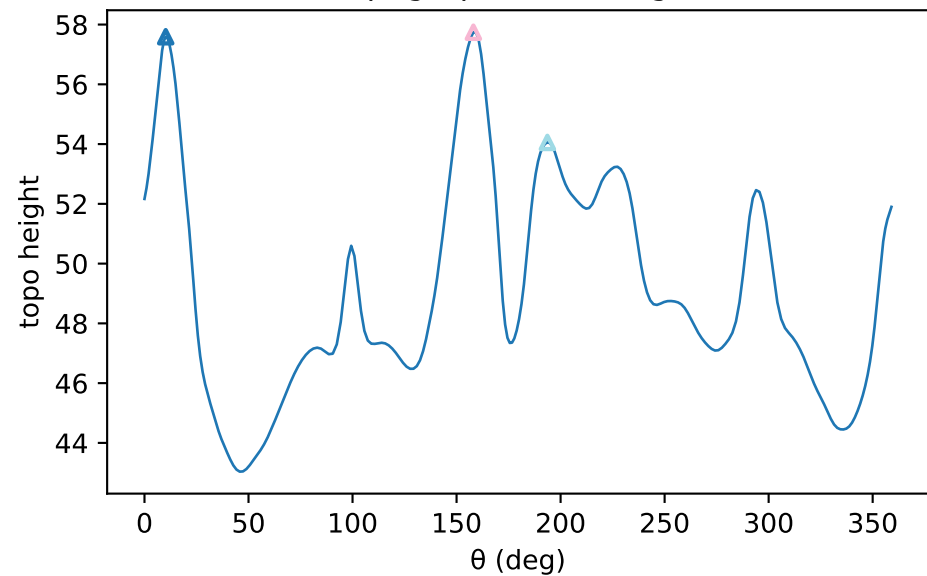
Outline



Topographical polar representation

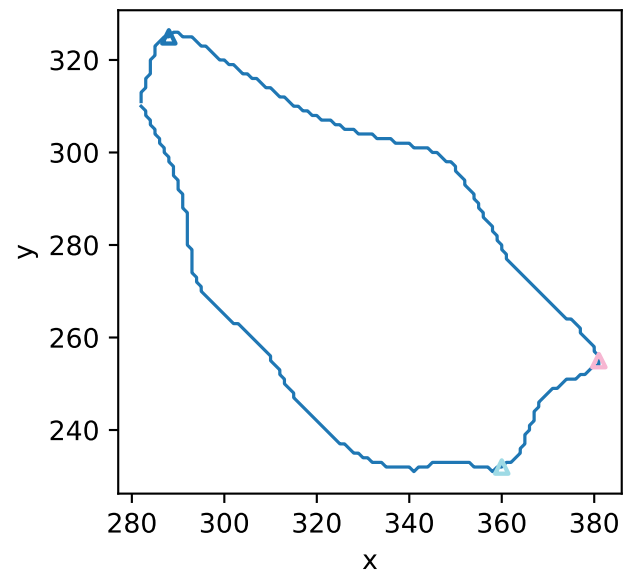


Topographical  $\theta$ -height

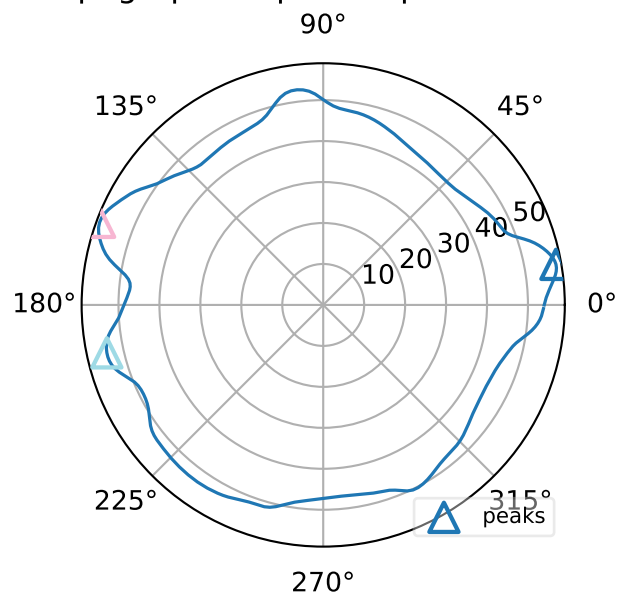


Frame 13 | t=13.000

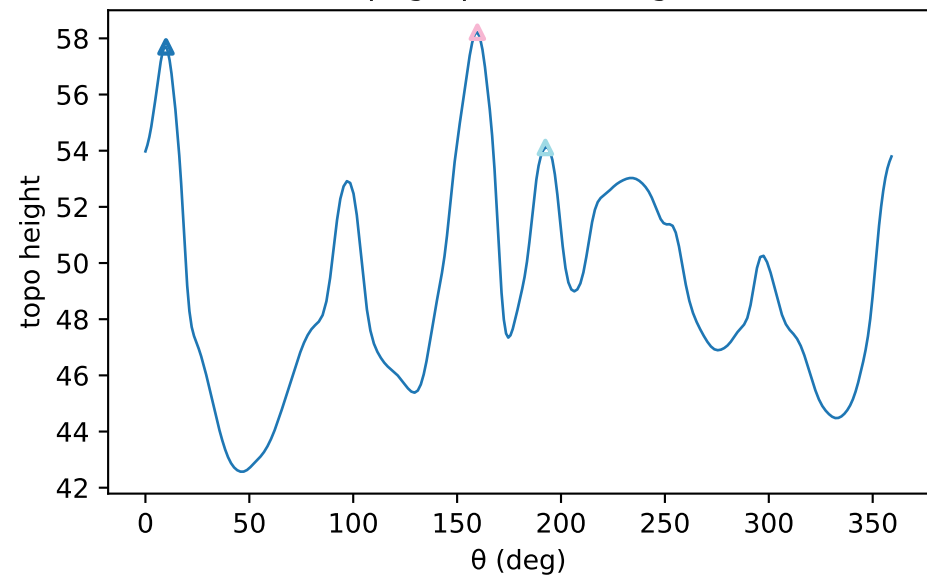
Outline



Topographical polar representation

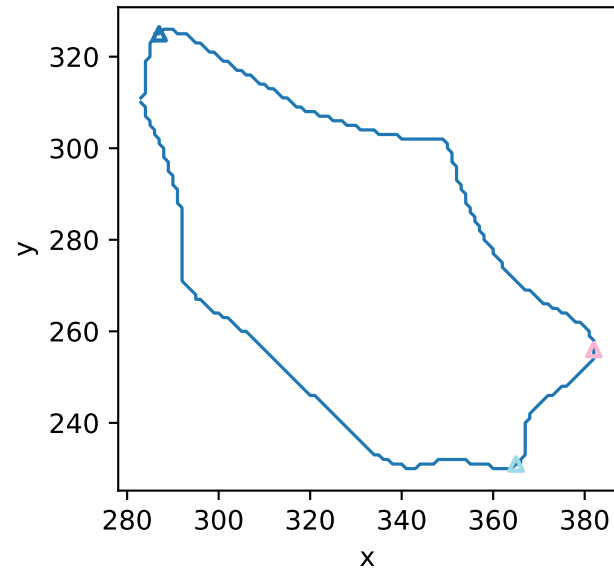


Topographical  $\theta$ -height

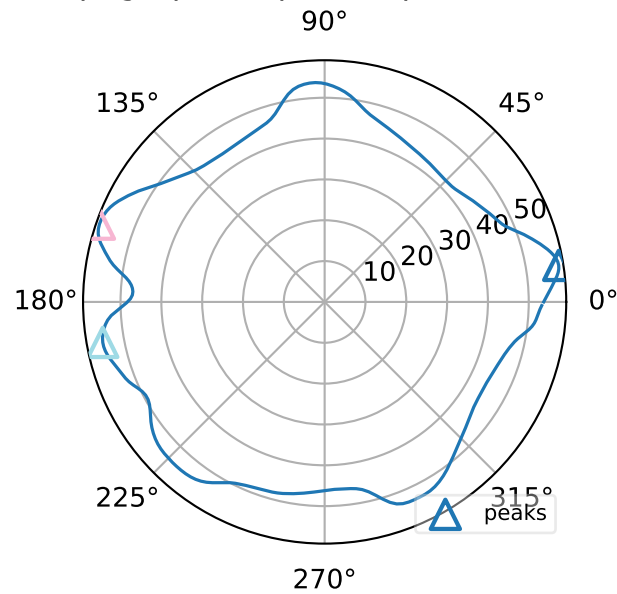


Frame 14 | t=14.000

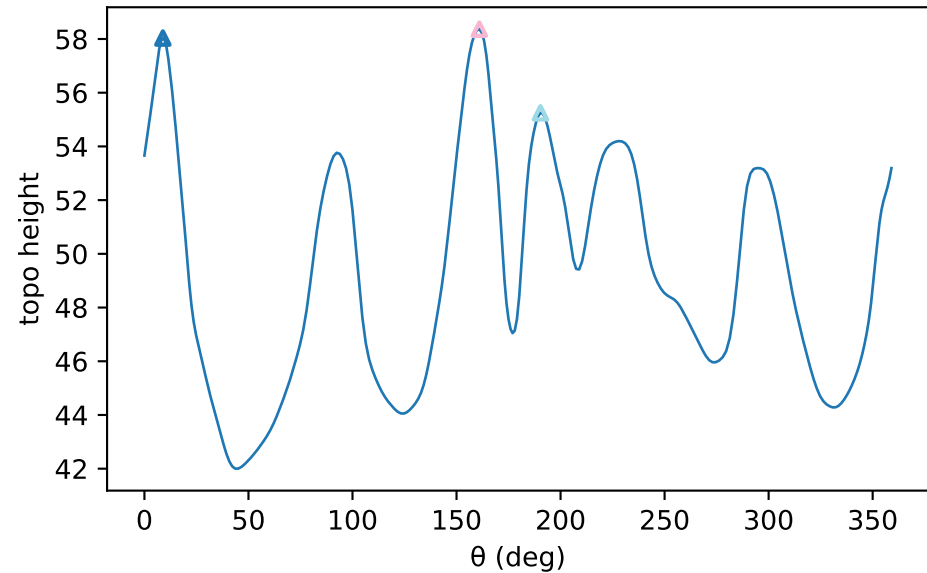
Outline



Topographical polar representation

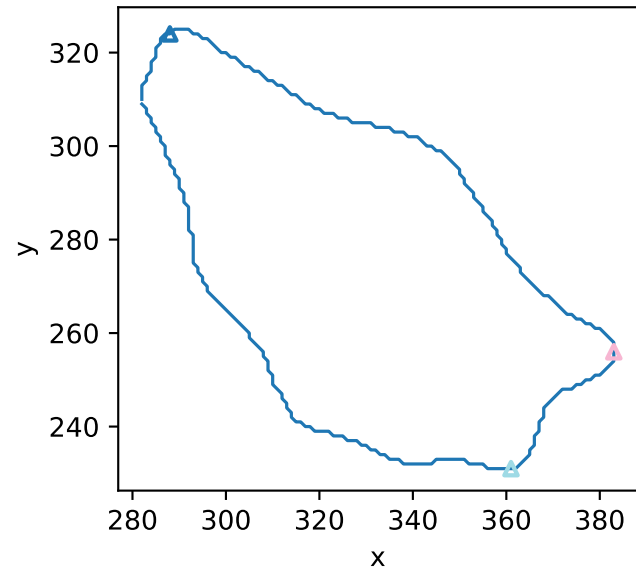


Topographical  $\theta$ -height

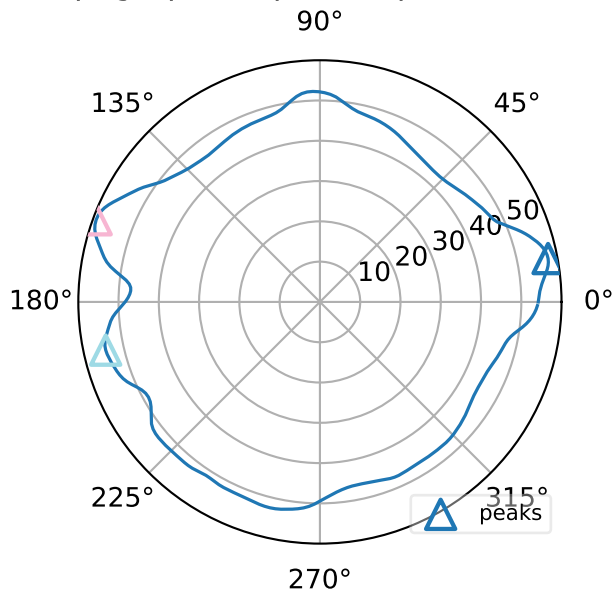


Frame 15 | t=15.000

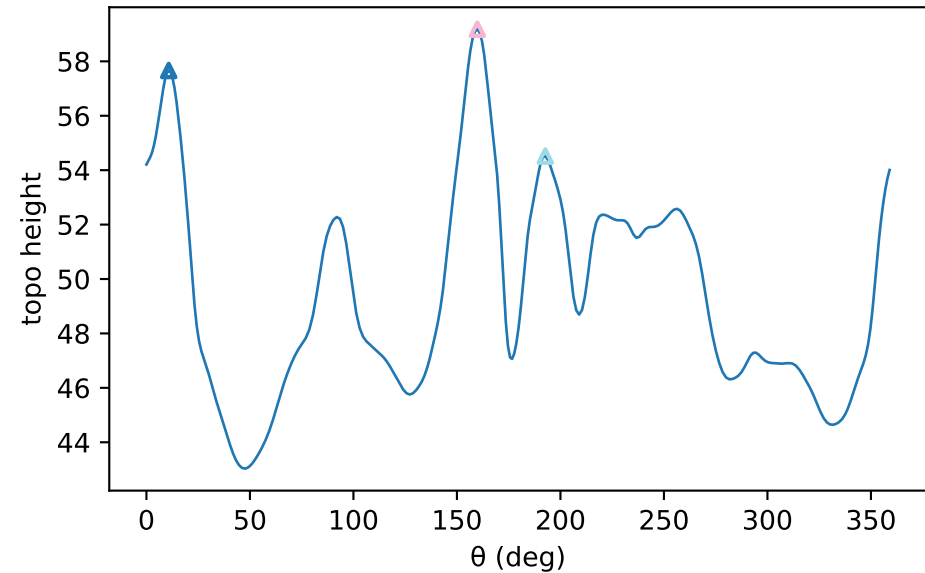
Outline



Topographical polar representation



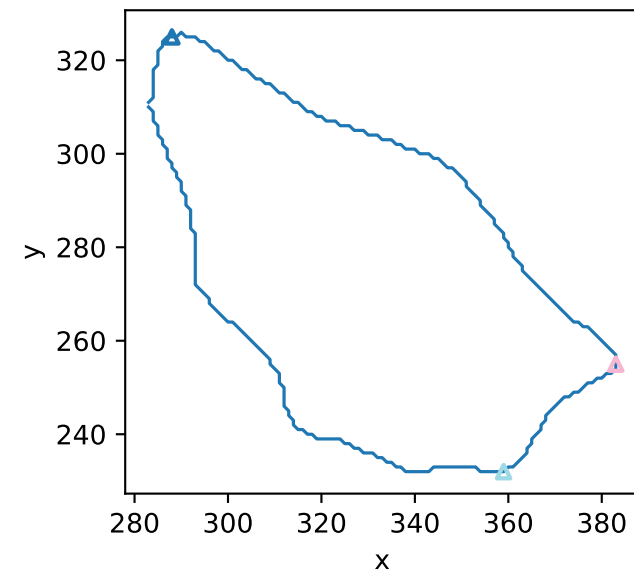
Topographical  $\theta$ -height



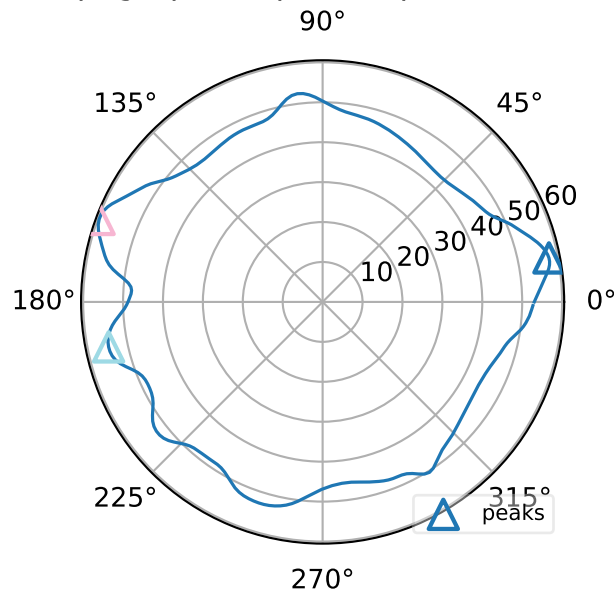


Frame 16 | t=16.000

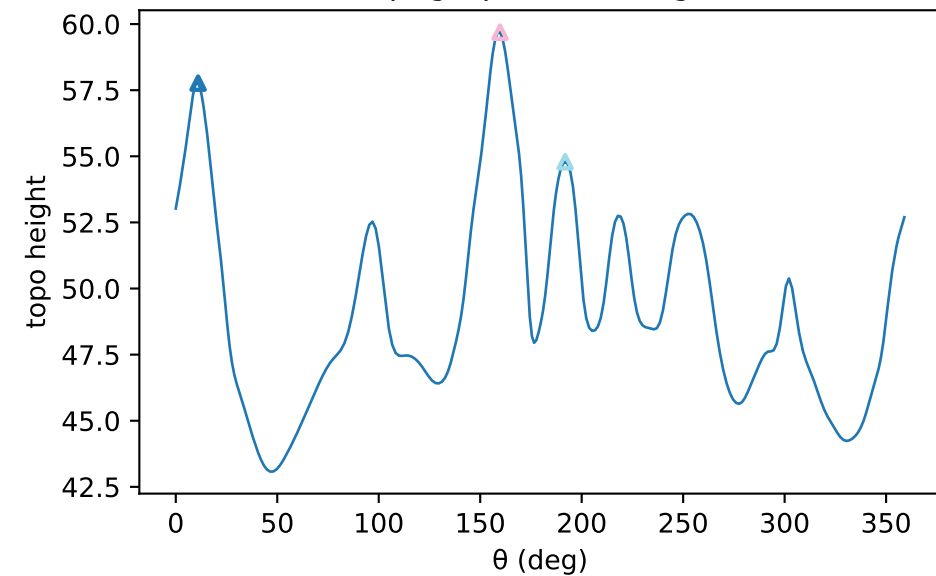
Outline



Topographical polar representation

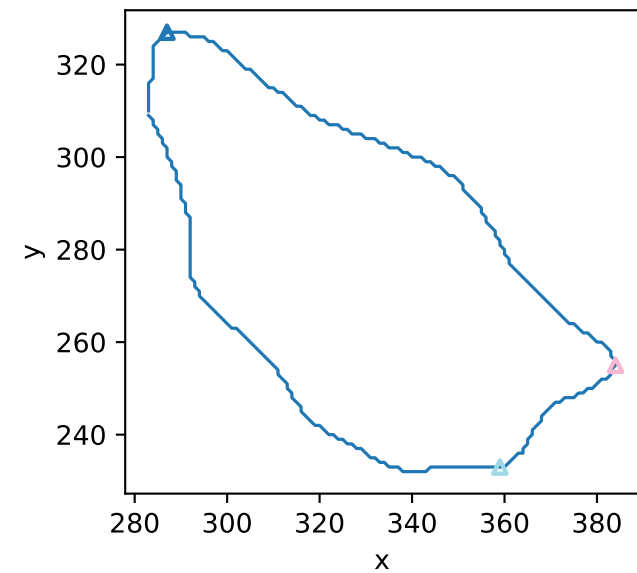


Topographical  $\theta$ -height

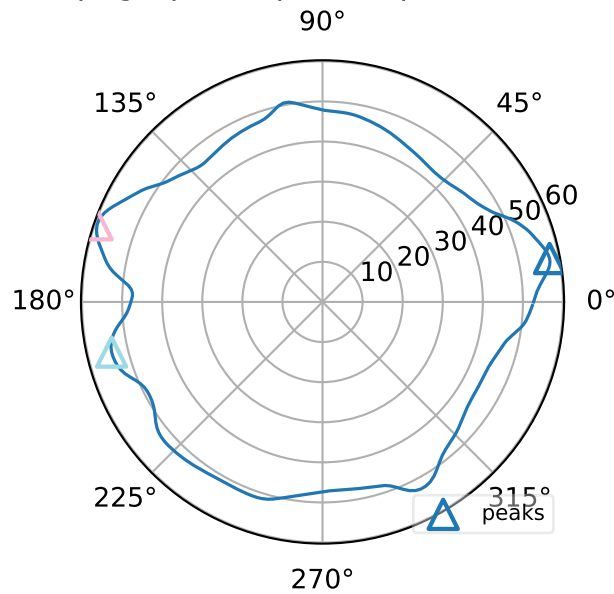


Frame 17 | t=17.000

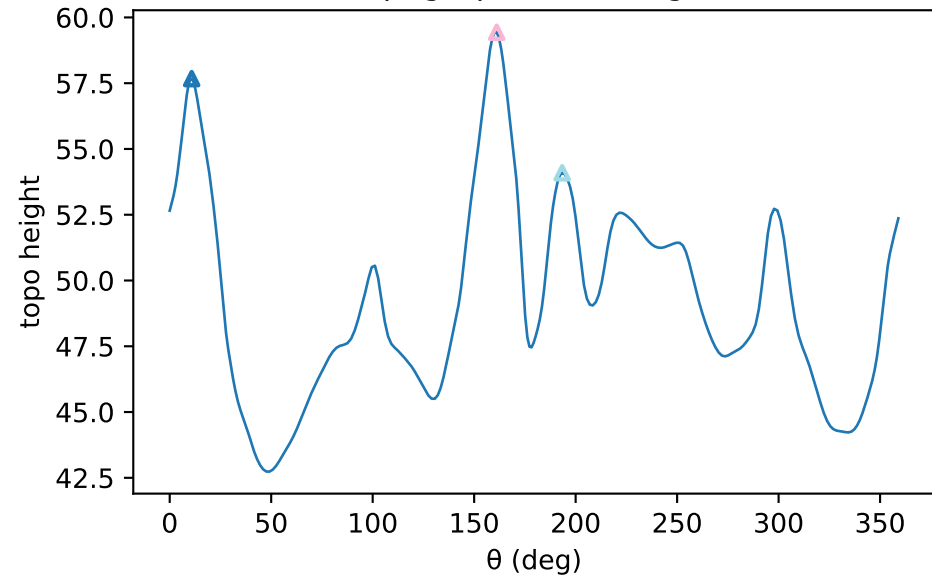
Outline



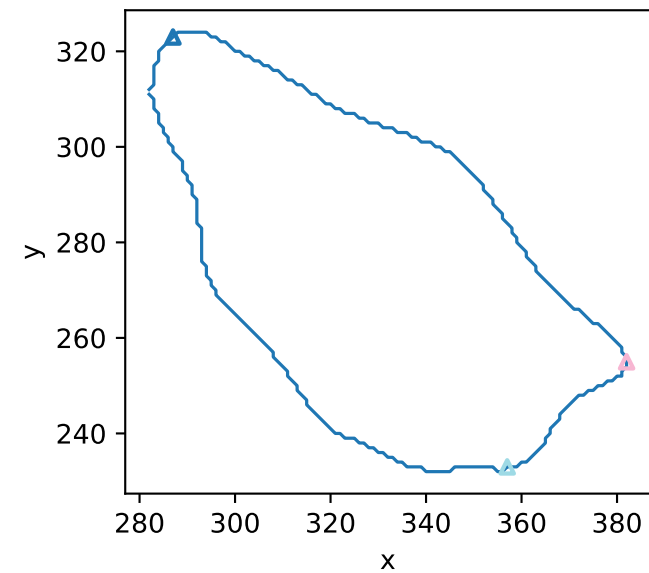
Topographical polar representation



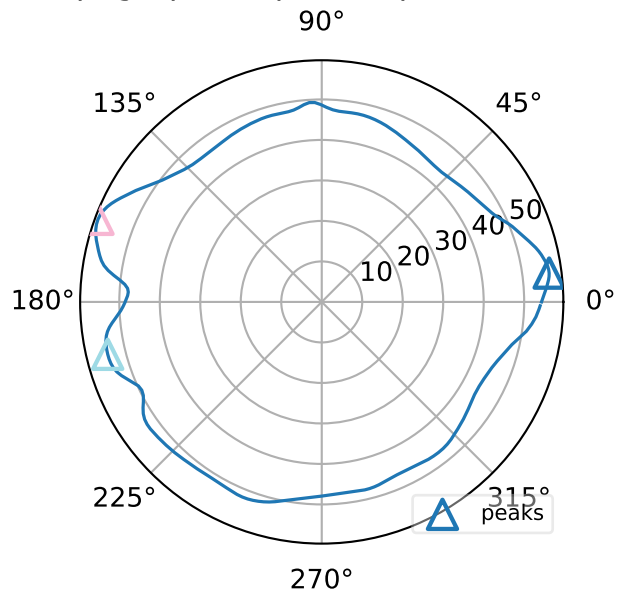
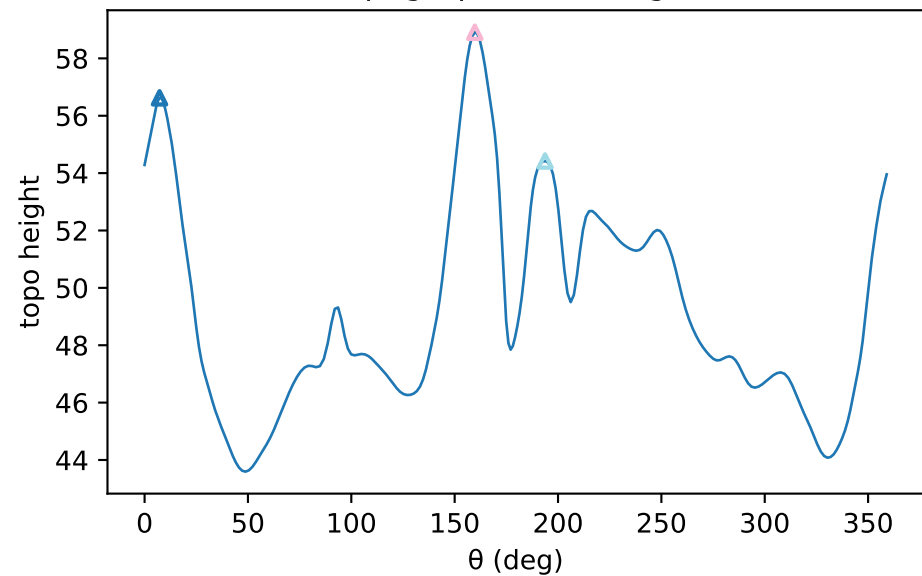
Topographical  $\theta$ -height



Outline

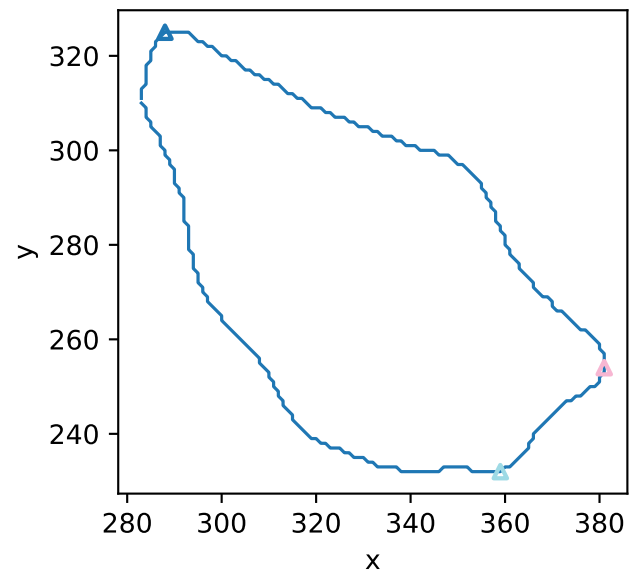


Topographical polar representation

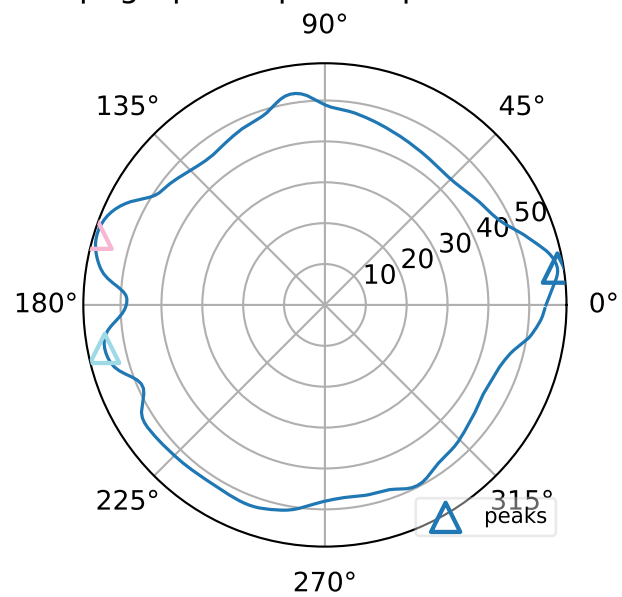
Topographical  $\theta$ -height

Frame 19 | t=19.000

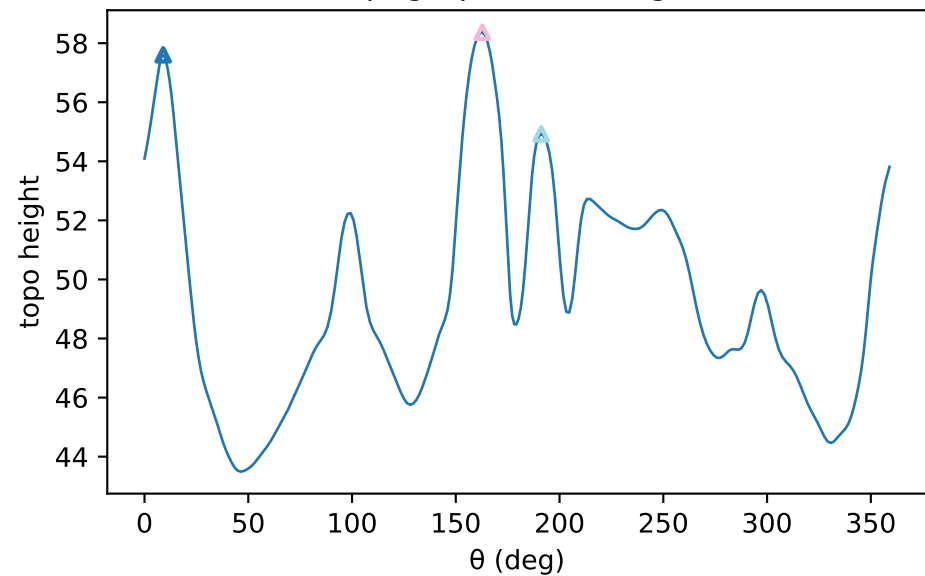
Outline



Topographical polar representation

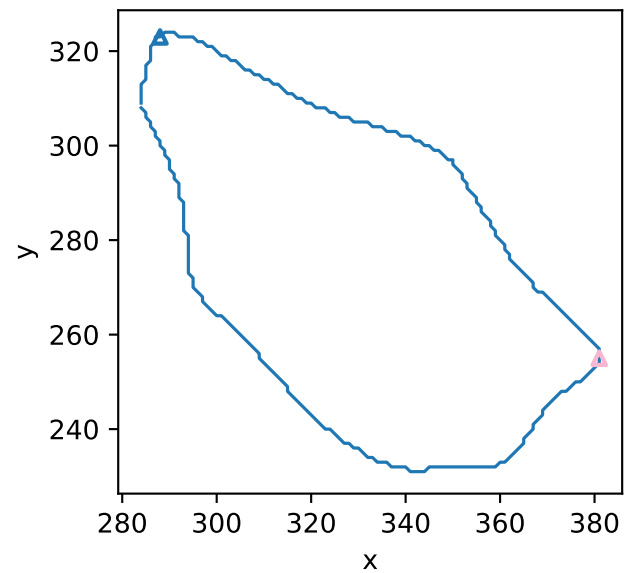


Topographical  $\theta$ -height

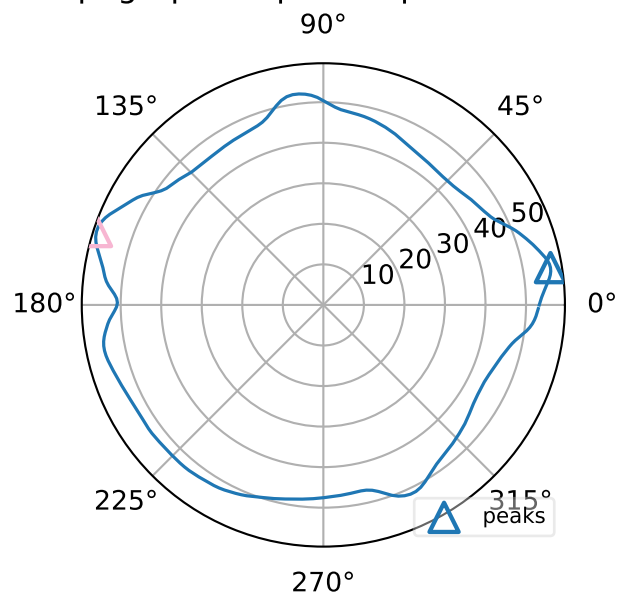


Frame 20 | t=20.000

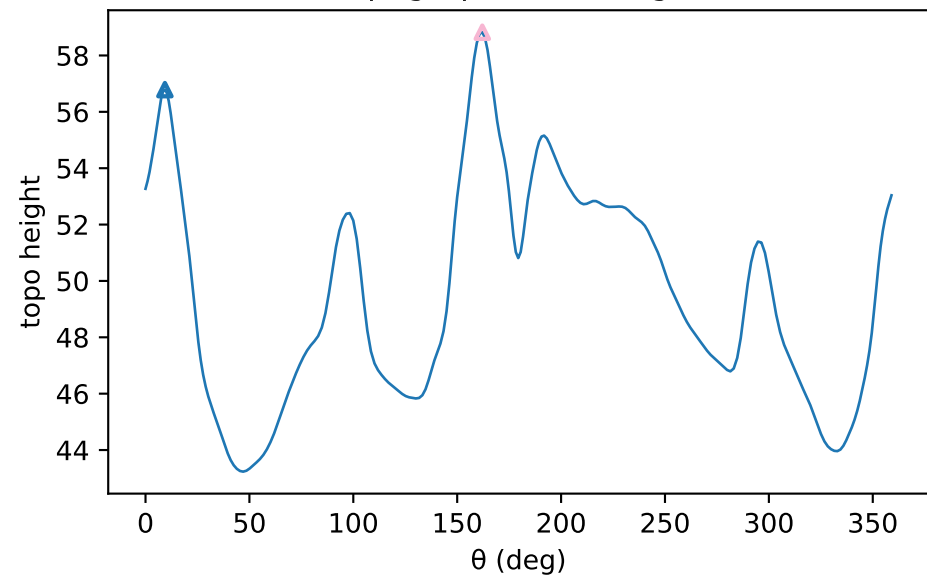
Outline



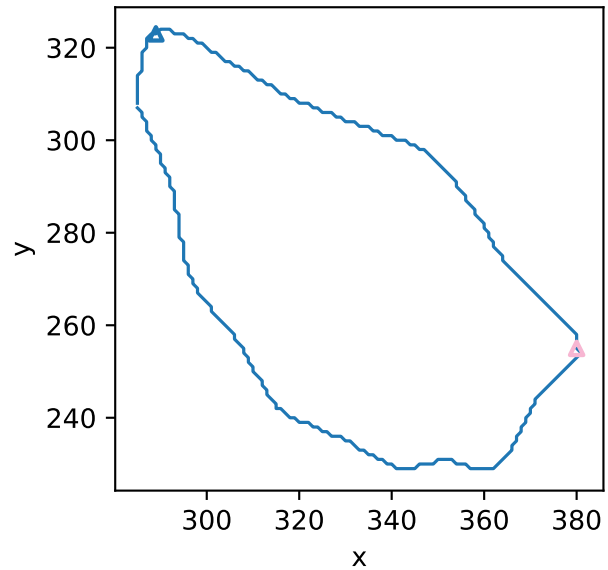
Topographical polar representation



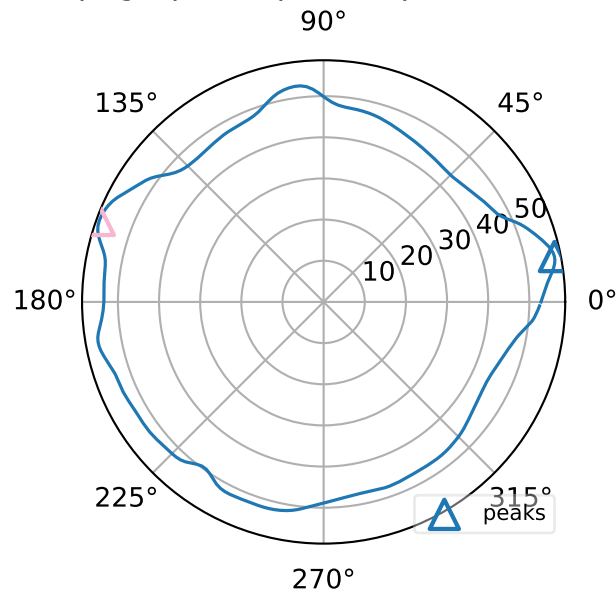
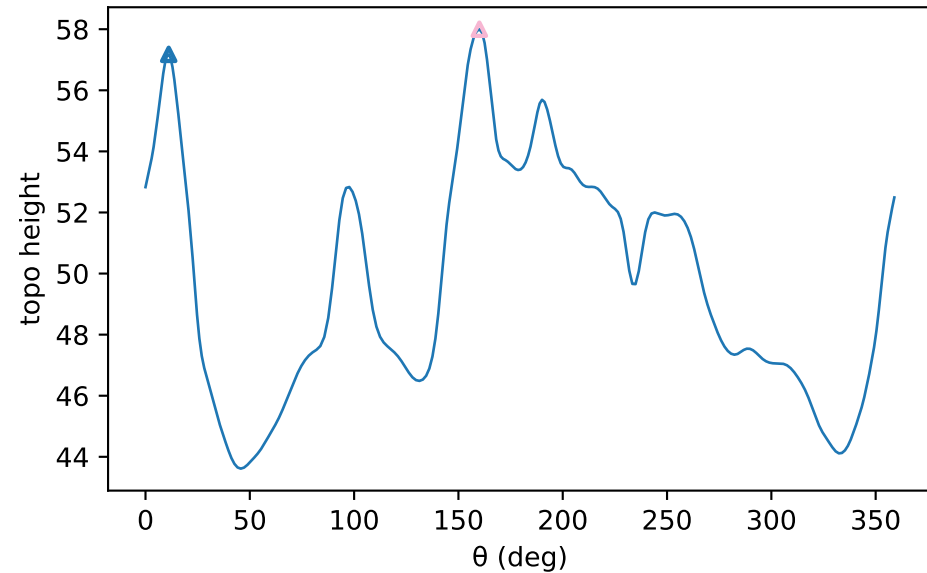
Topographical  $\theta$ -height



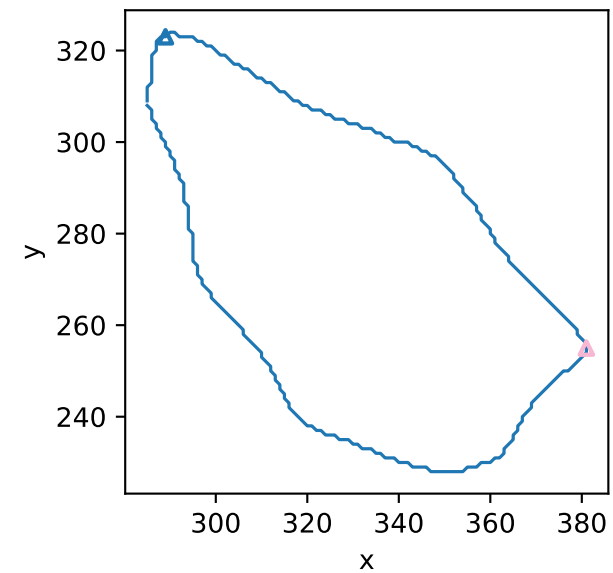
Outline



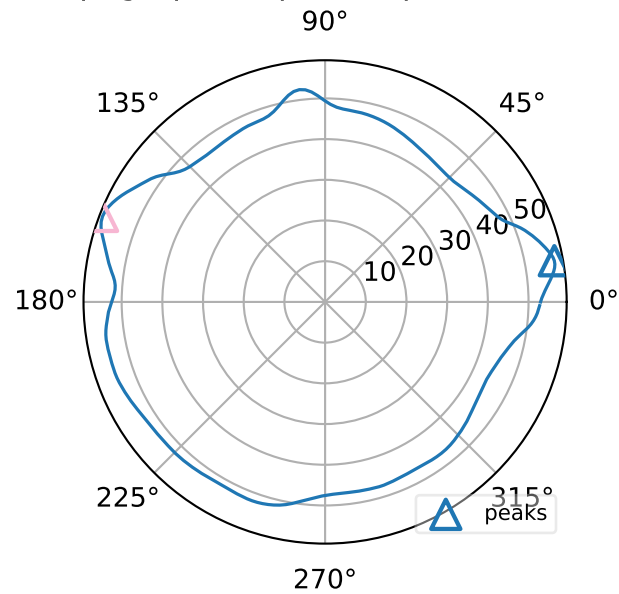
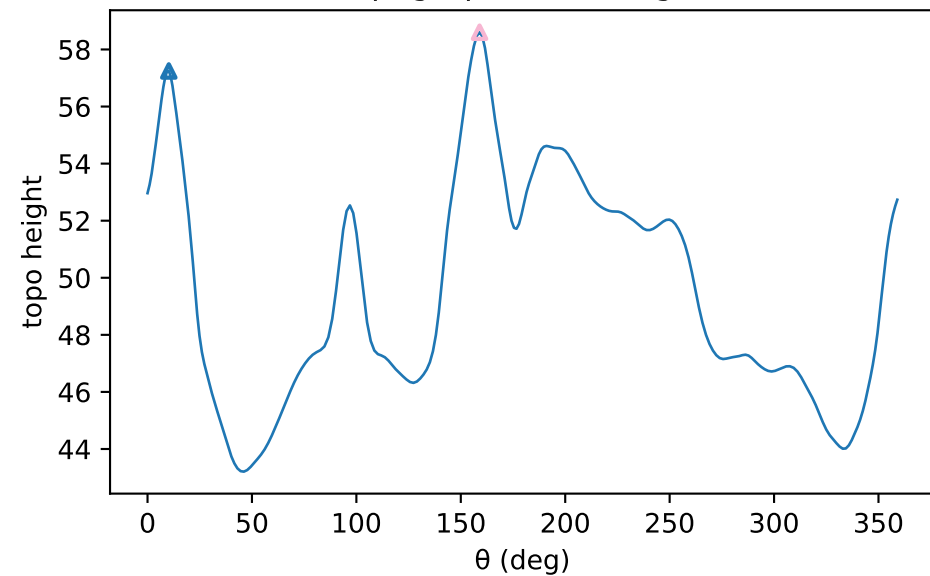
Topographical polar representation

Topographical  $\theta$ -height

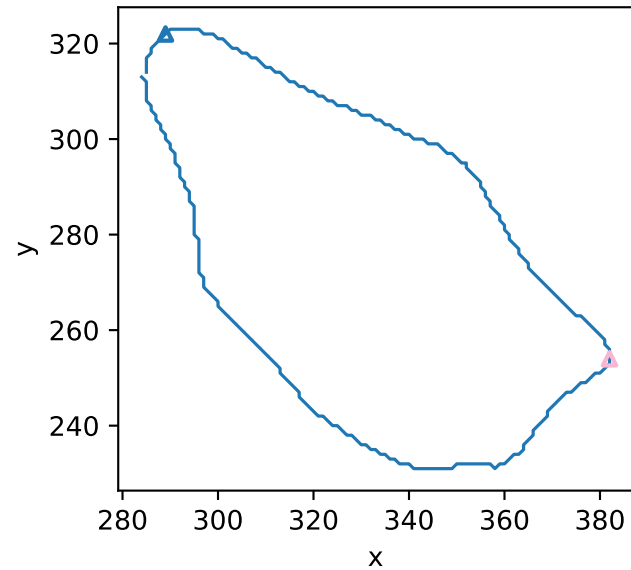
Outline



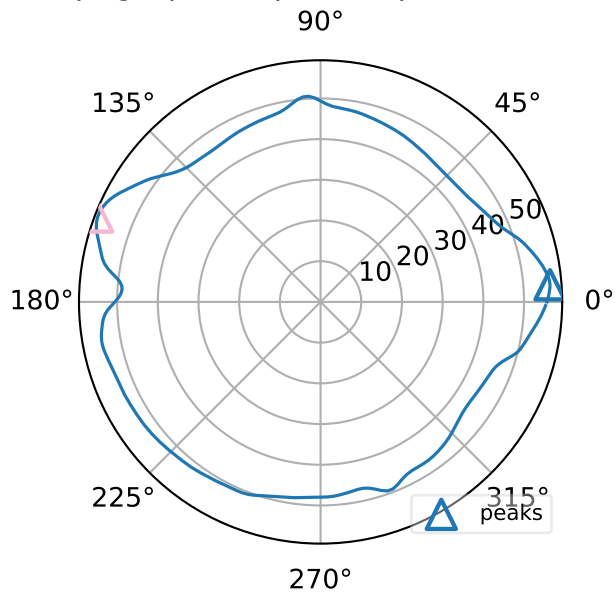
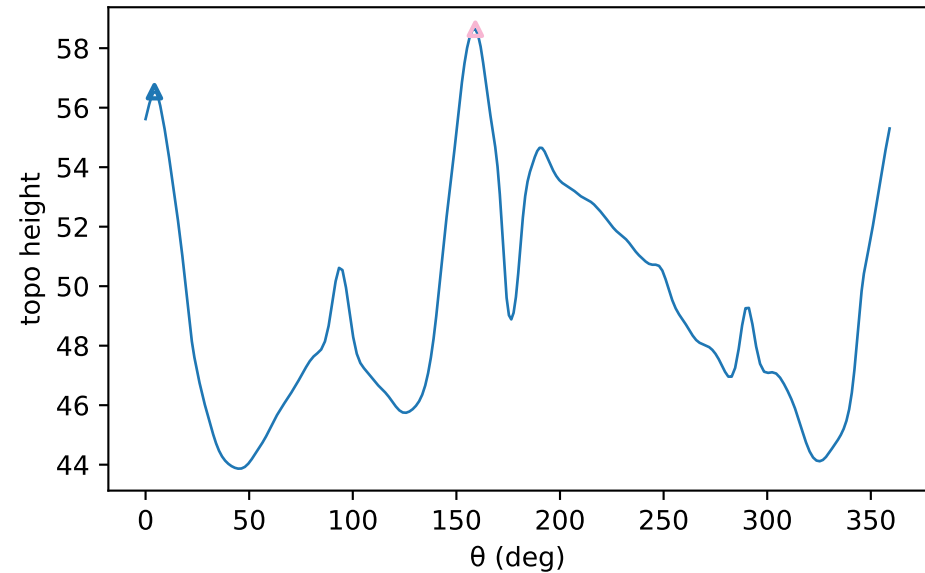
Topographical polar representation

Topographical  $\theta$ -height

Outline



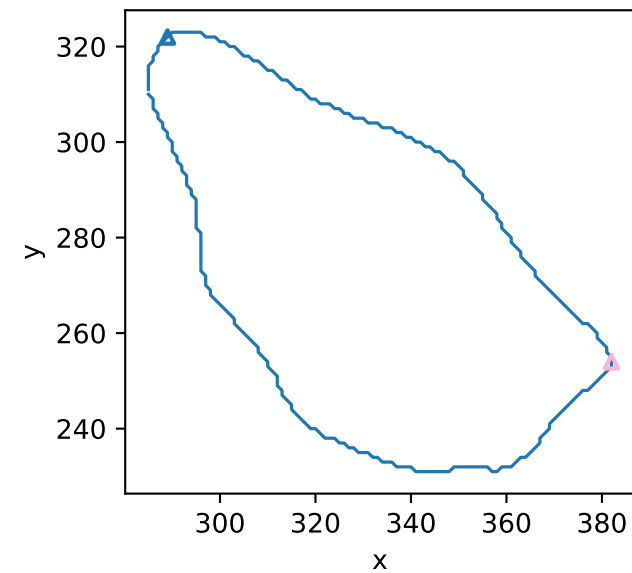
Topographical polar representation

Topographical  $\theta$ -height

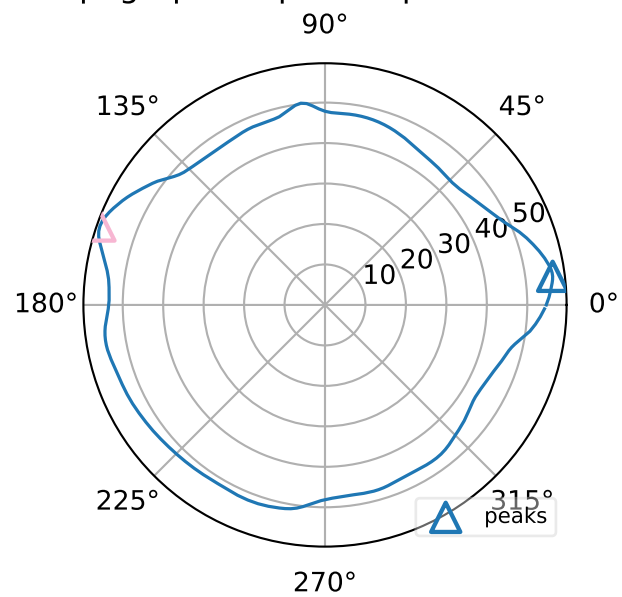


Frame 24 | t=24.000

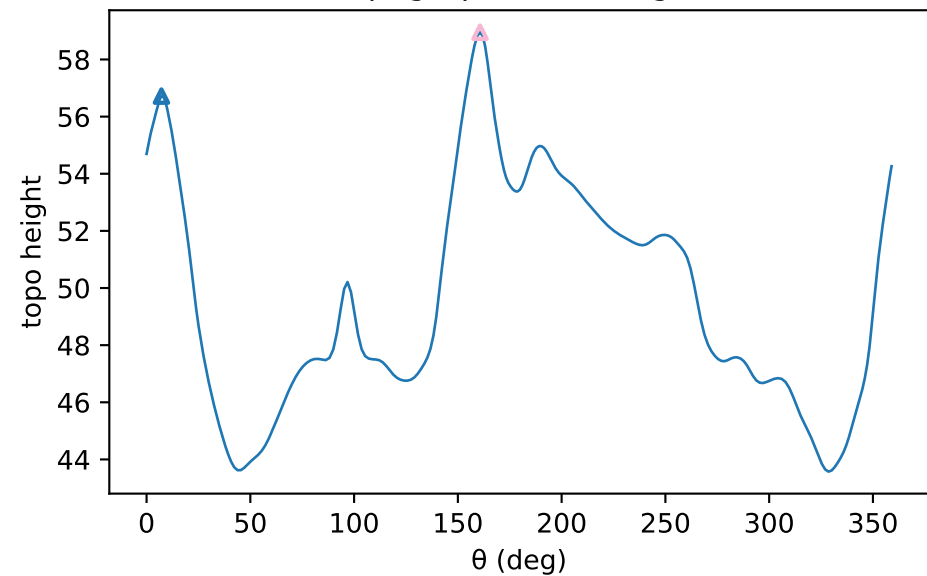
Outline



Topographical polar representation

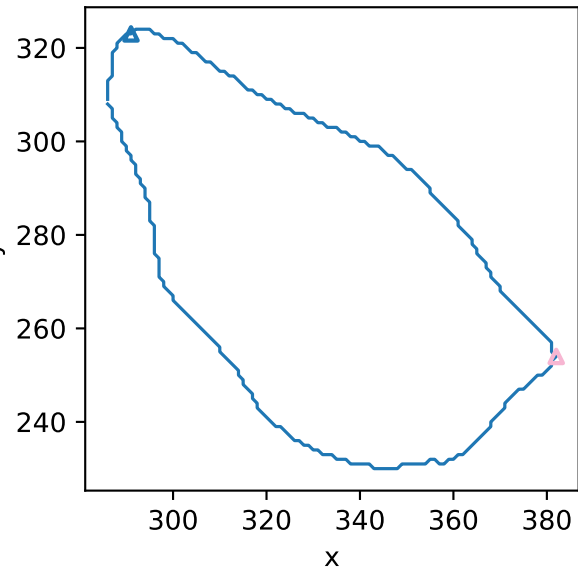


Topographical  $\theta$ -height

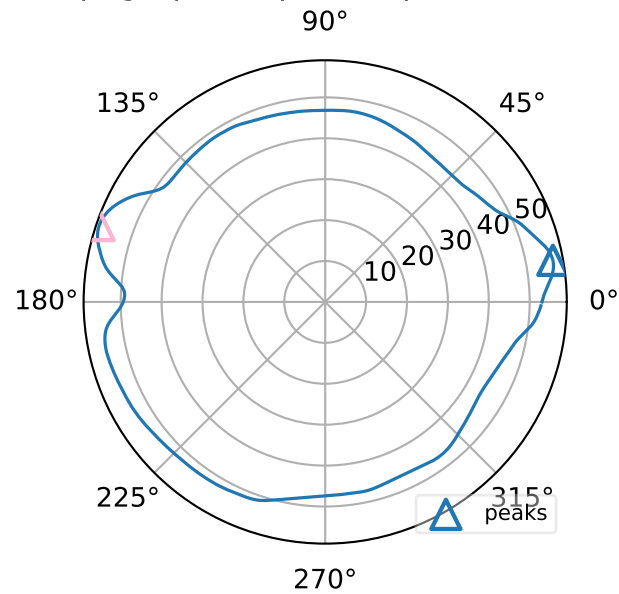


Frame 25 | t=25.000

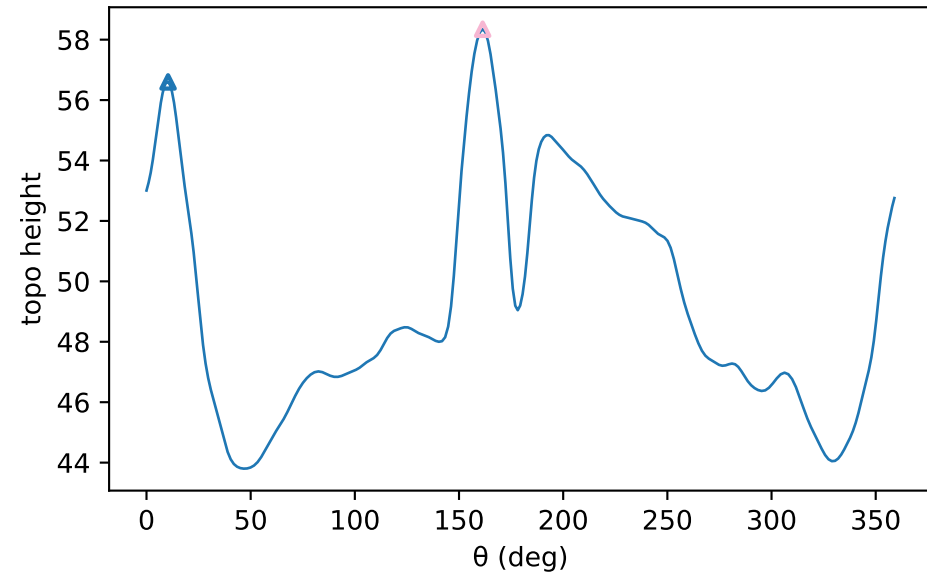
Outline



Topographical polar representation

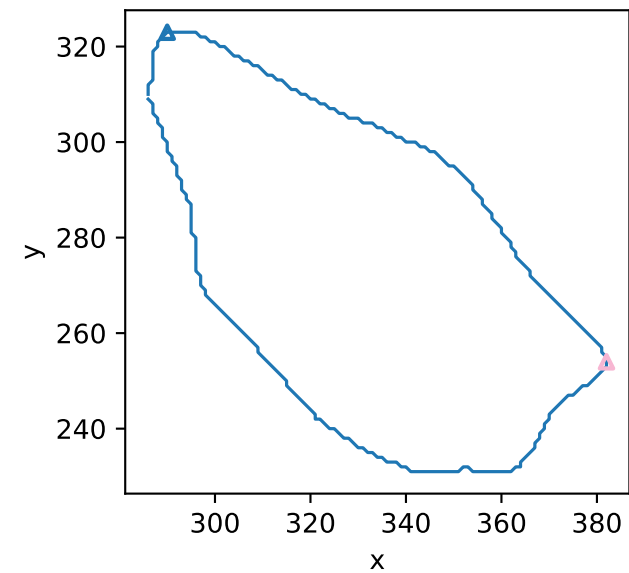


Topographical  $\theta$ -height

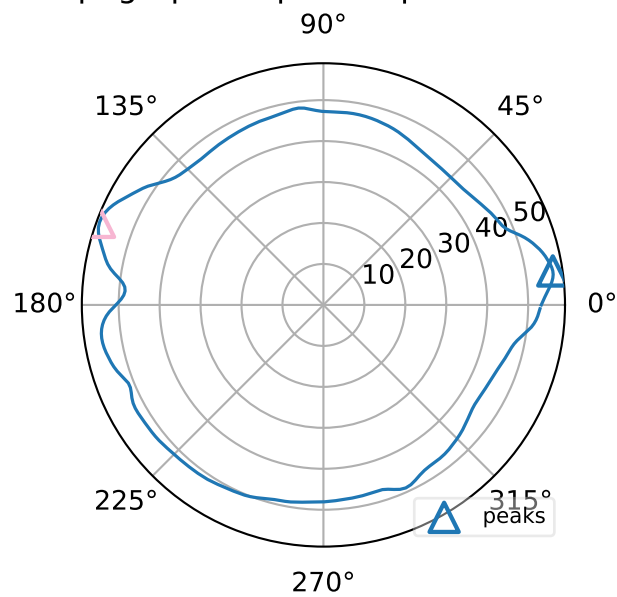


Frame 26 | t=26.000

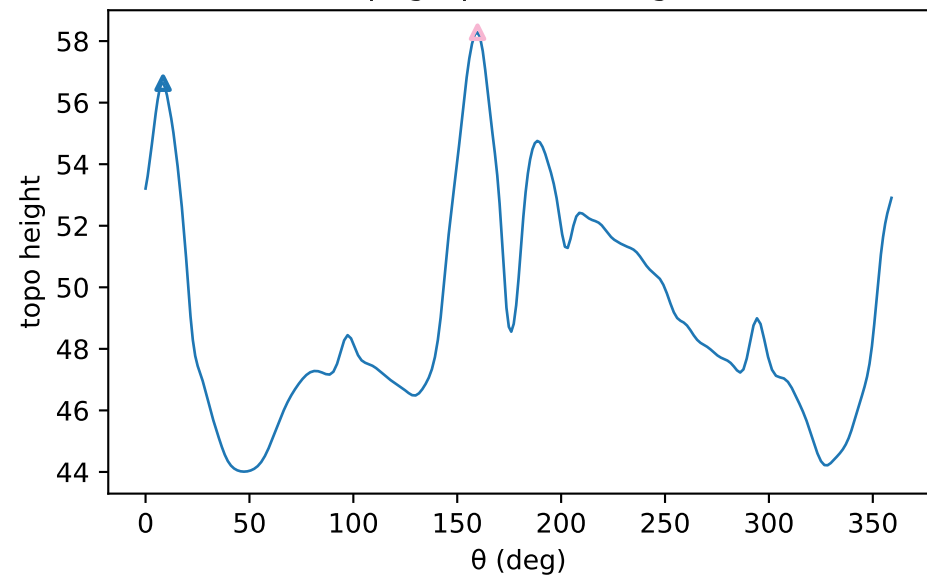
Outline



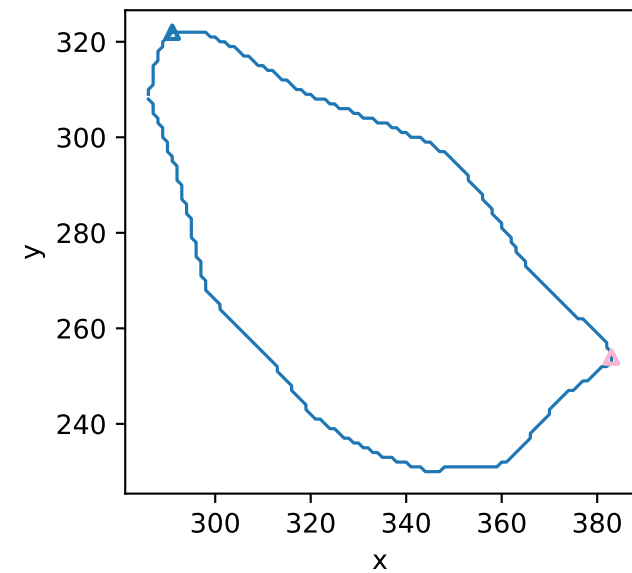
Topographical polar representation



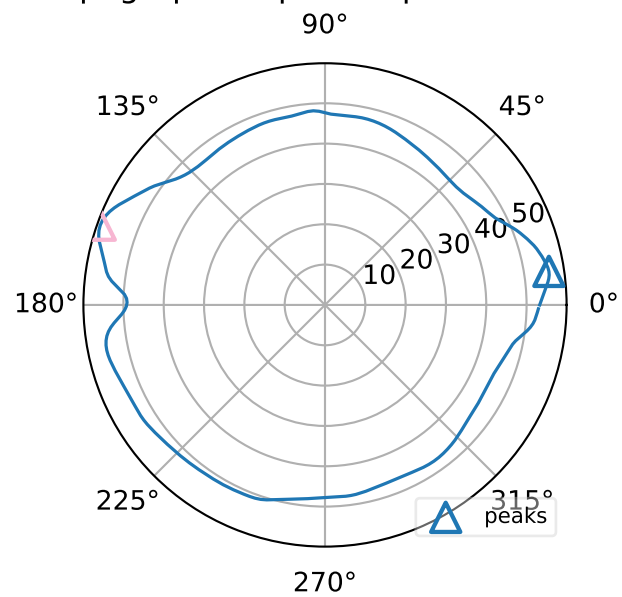
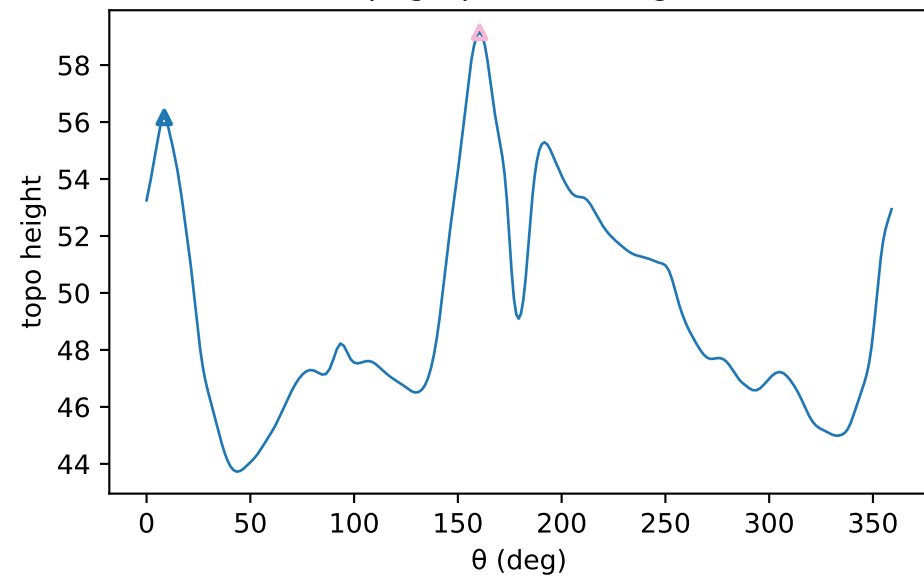
Topographical  $\theta$ -height



Outline

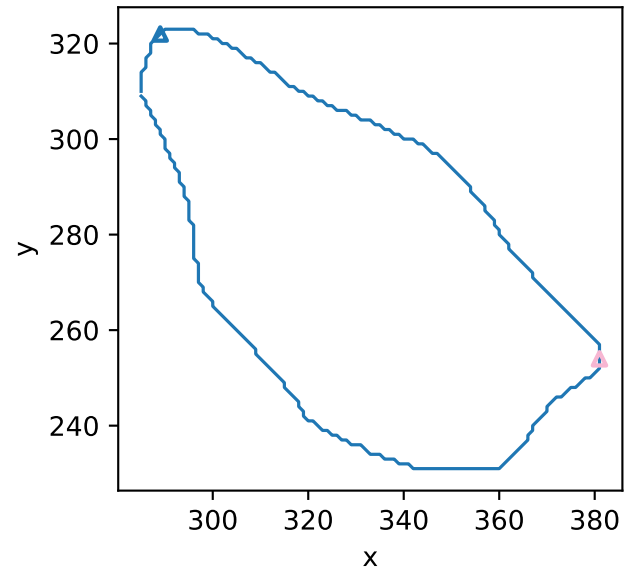


Topographical polar representation

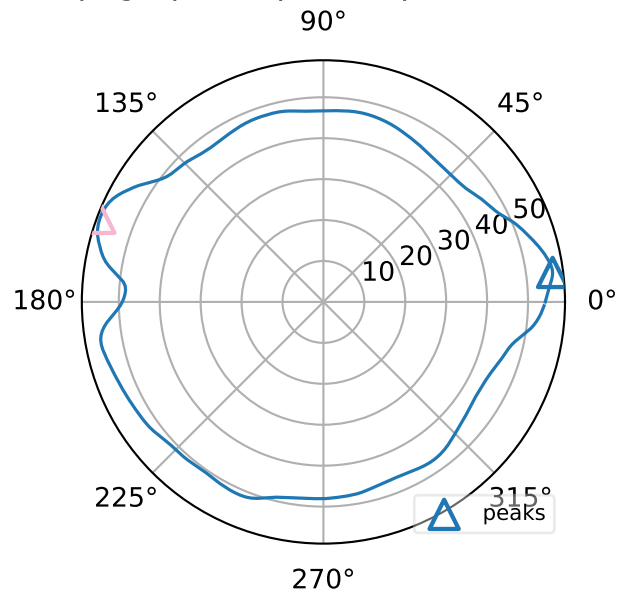
Topographical  $\theta$ -height

Frame 28 | t=28.000

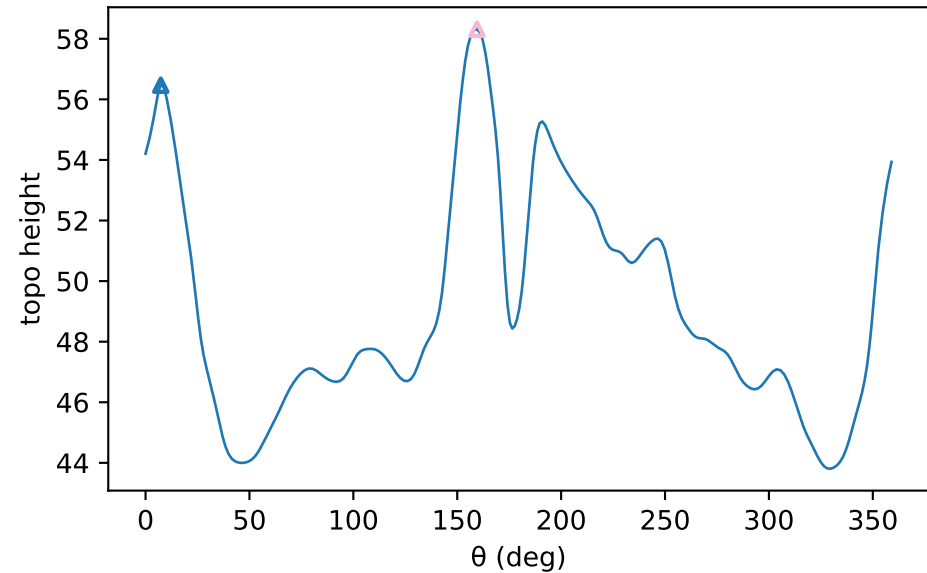
Outline



Topographical polar representation

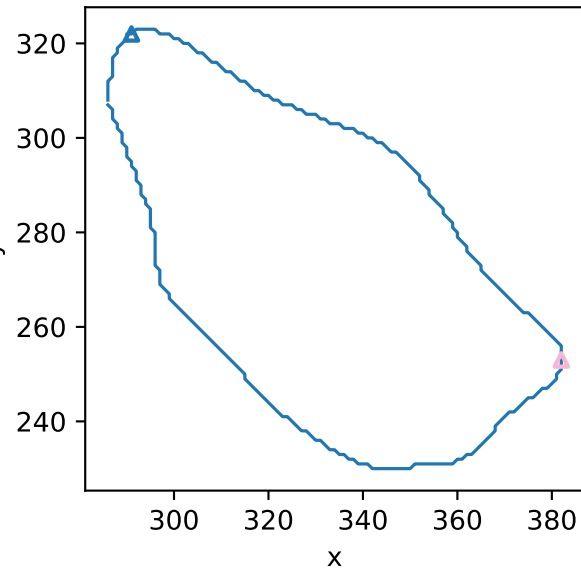


Topographical  $\theta$ -height

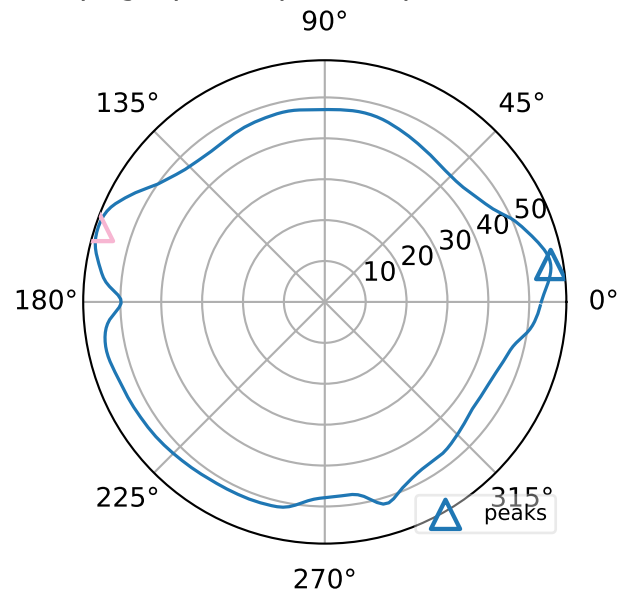


Frame 29 | t=29.000

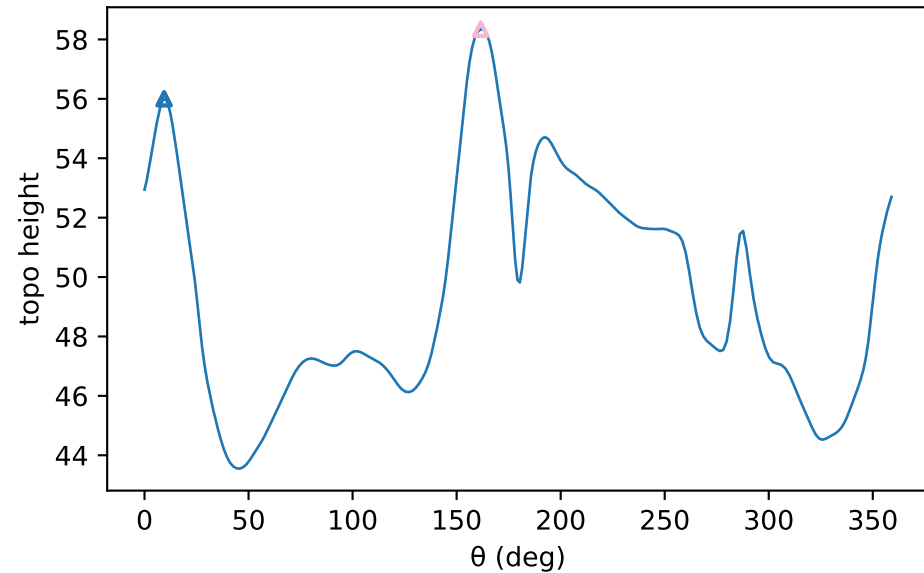
Outline



Topographical polar representation

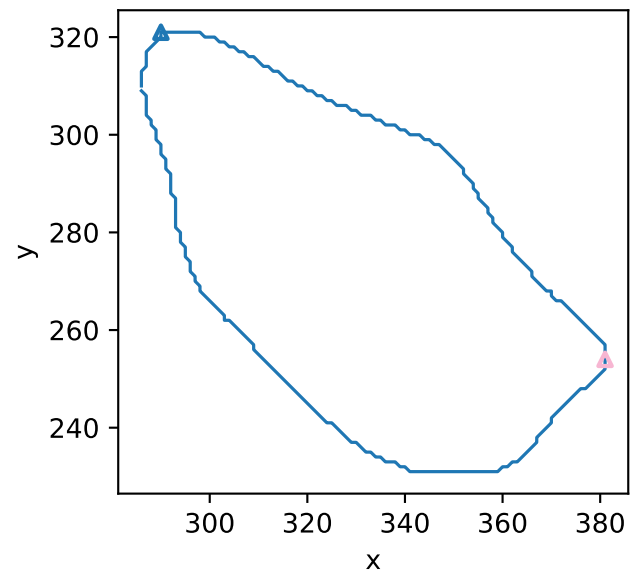


Topographical  $\theta$ -height

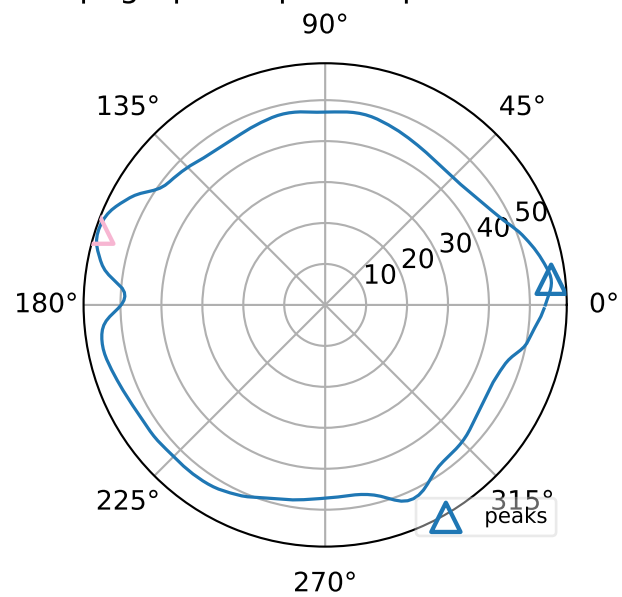


Frame 30 | t=30.000

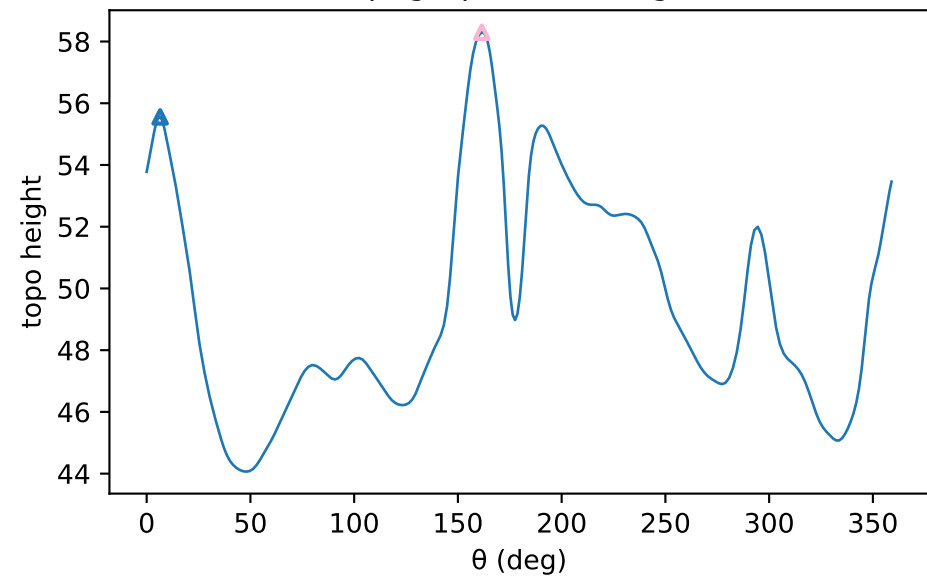
Outline



Topographical polar representation

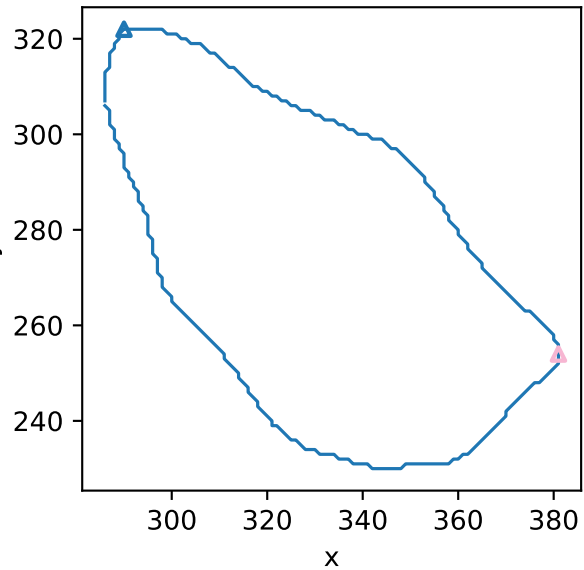


Topographical  $\theta$ -height

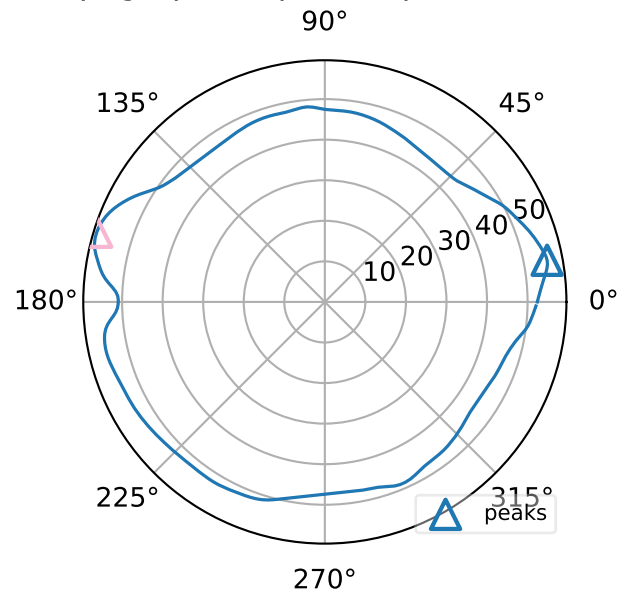


Frame 31 | t=31.000

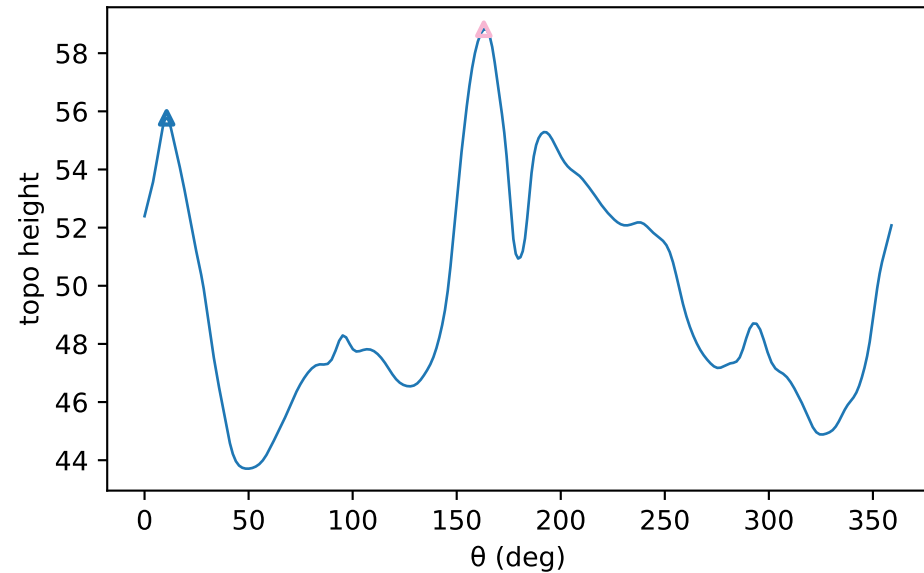
Outline



Topographical polar representation



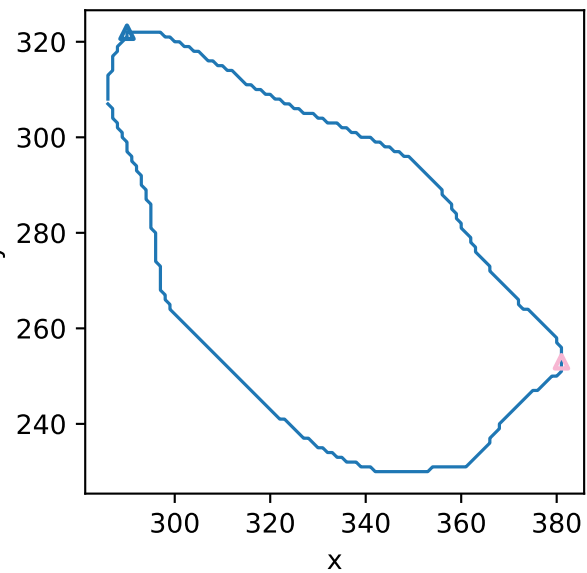
Topographical  $\theta$ -height



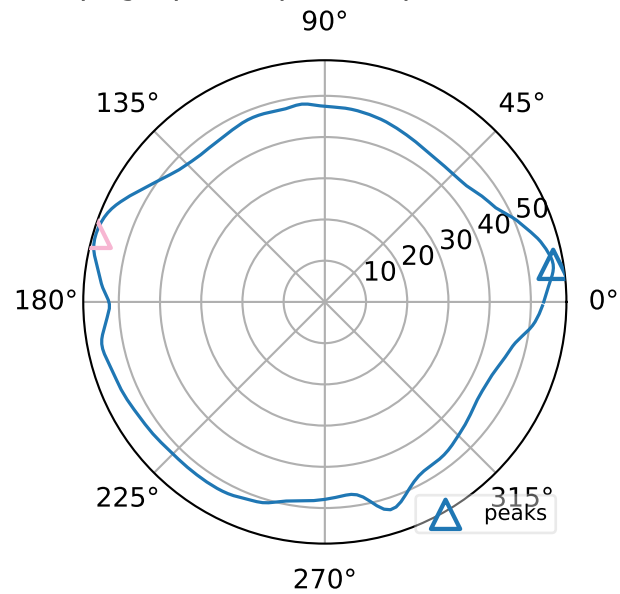


Frame 32 | t=32.000

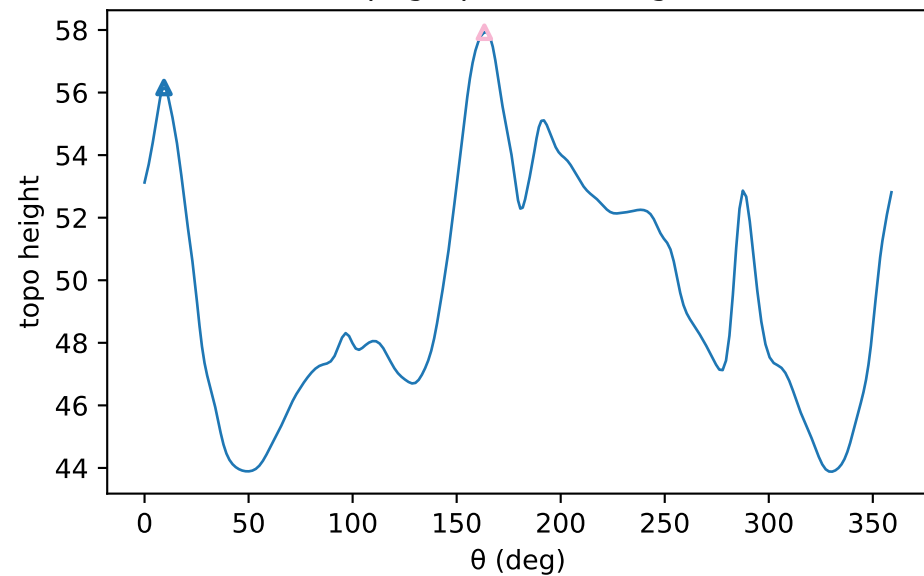
Outline



Topographical polar representation

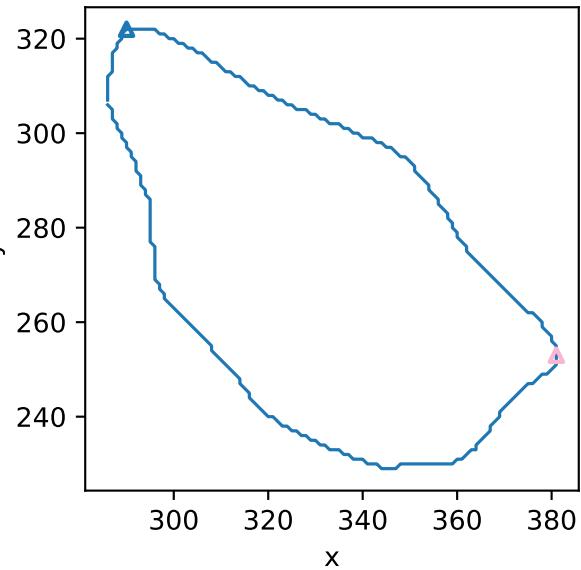


Topographical  $\theta$ -height

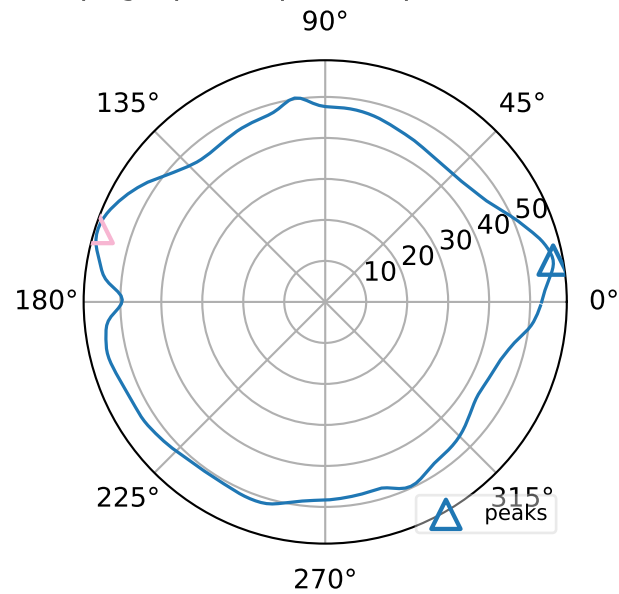


Frame 33 | t=33.000

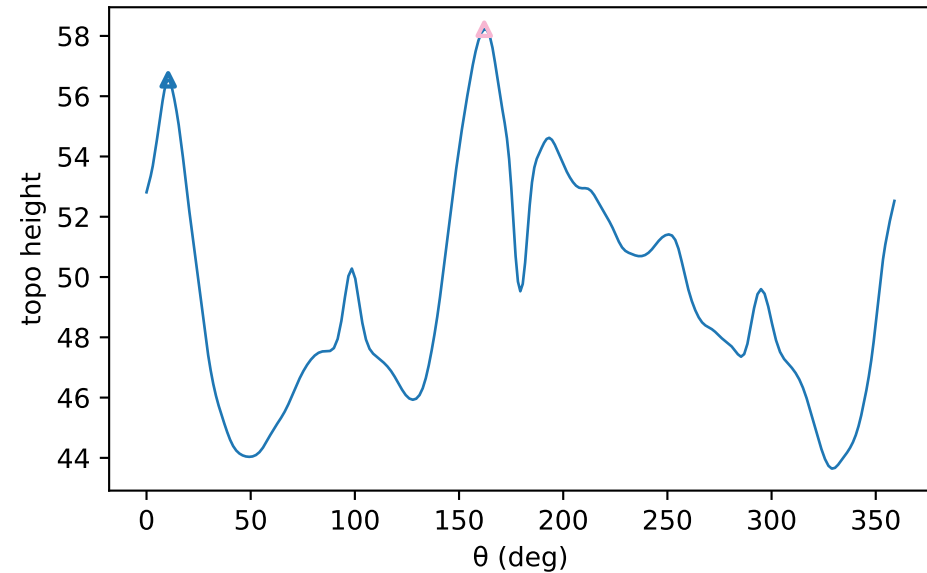
Outline



Topographical polar representation

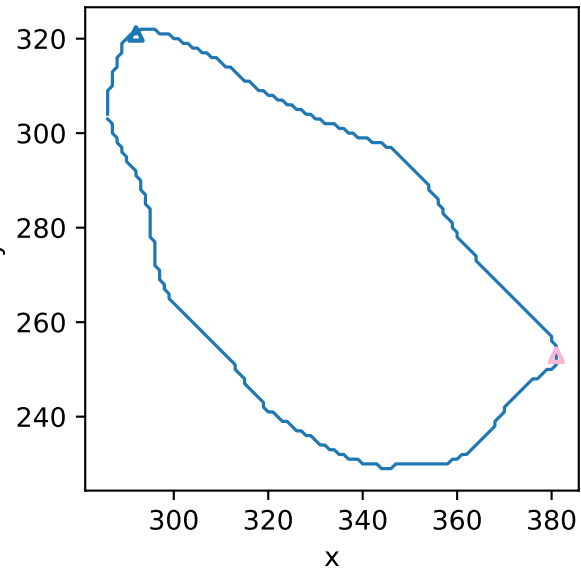


Topographical  $\theta$ -height

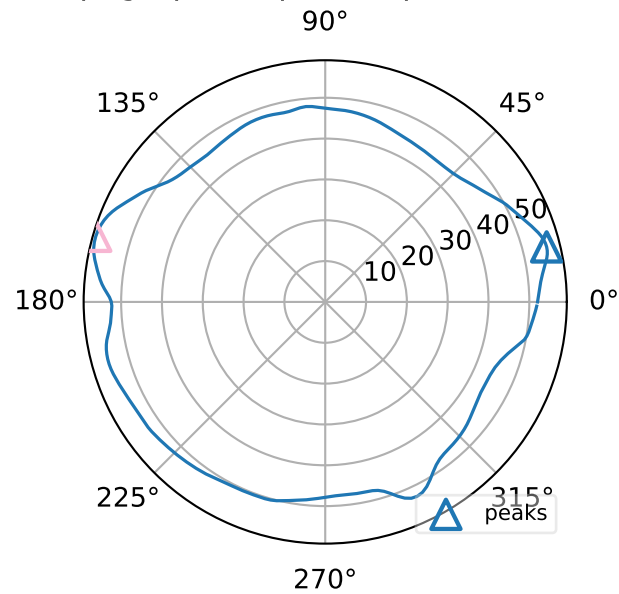


Frame 34 | t=34.000

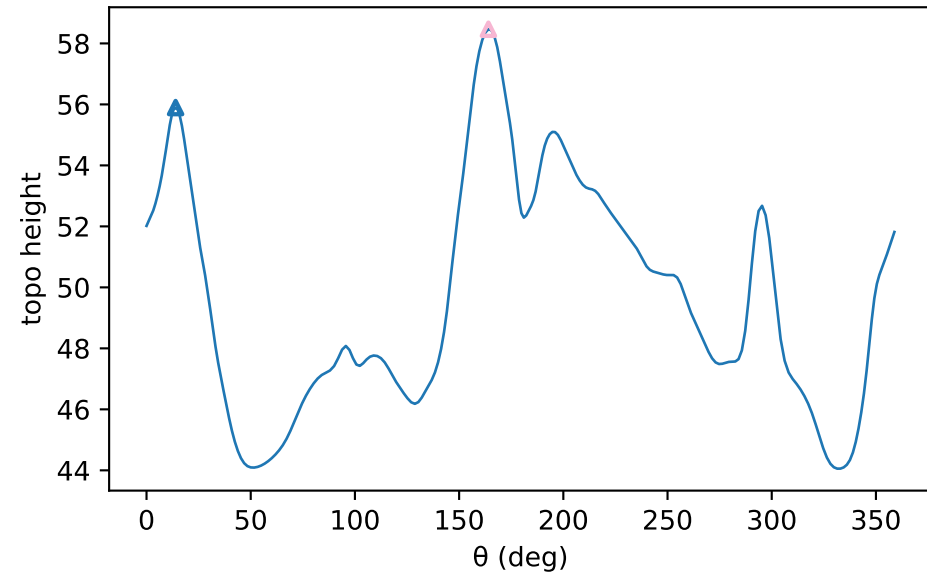
Outline



Topographical polar representation

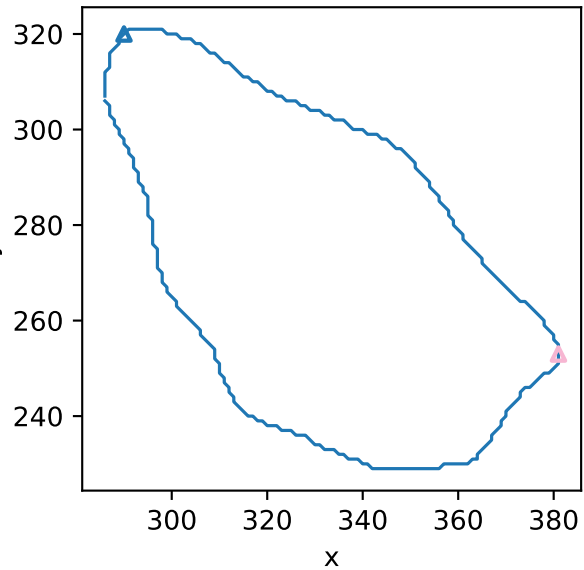


Topographical  $\theta$ -height

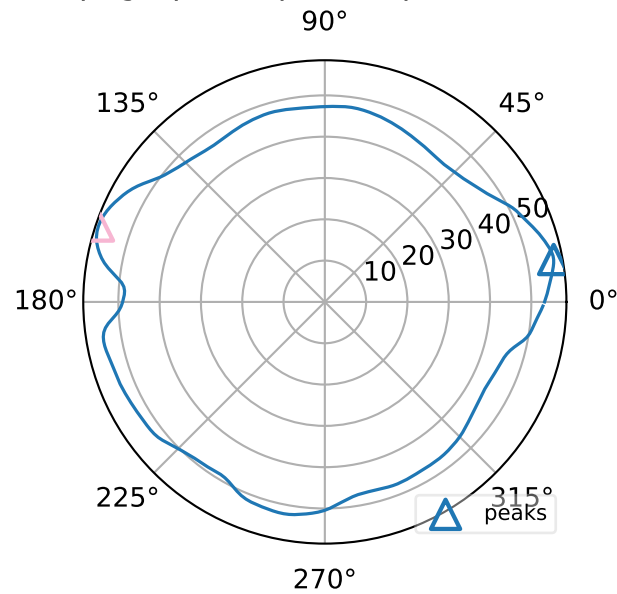


Frame 35 | t=35.000

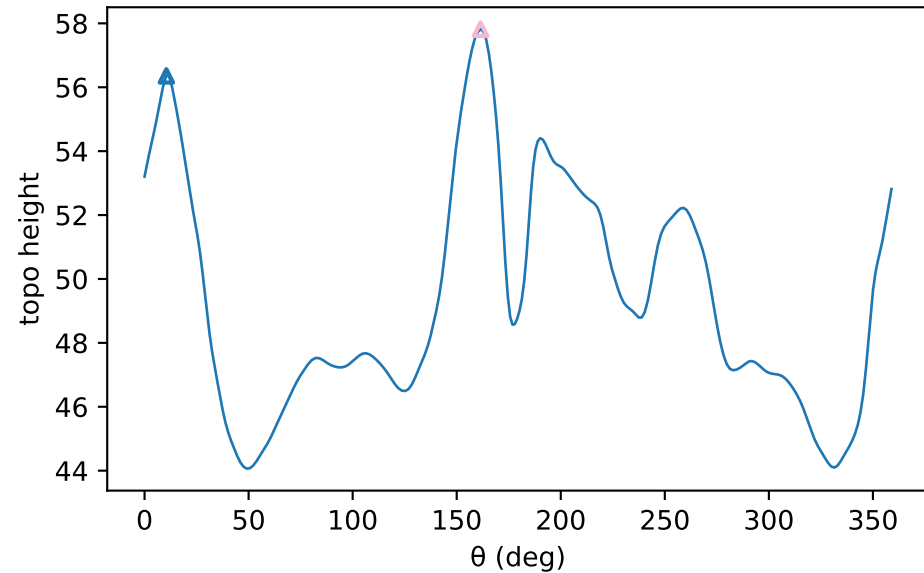
Outline



Topographical polar representation

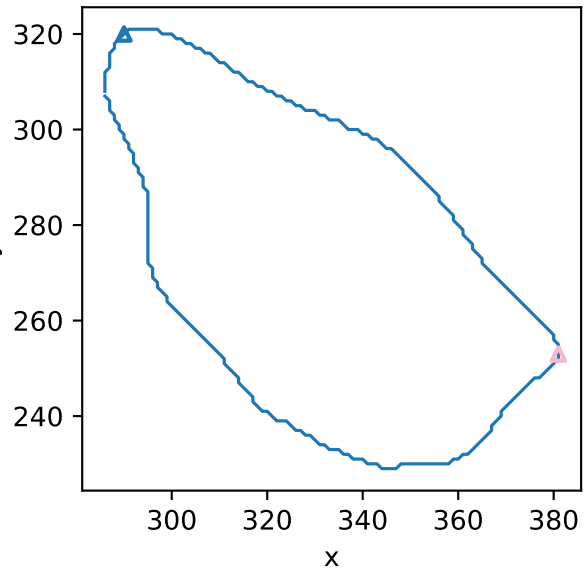


Topographical  $\theta$ -height

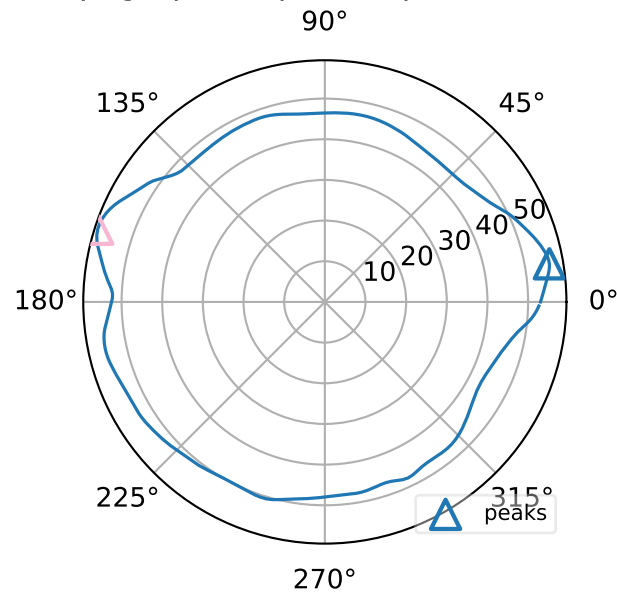


Frame 36 | t=36.000

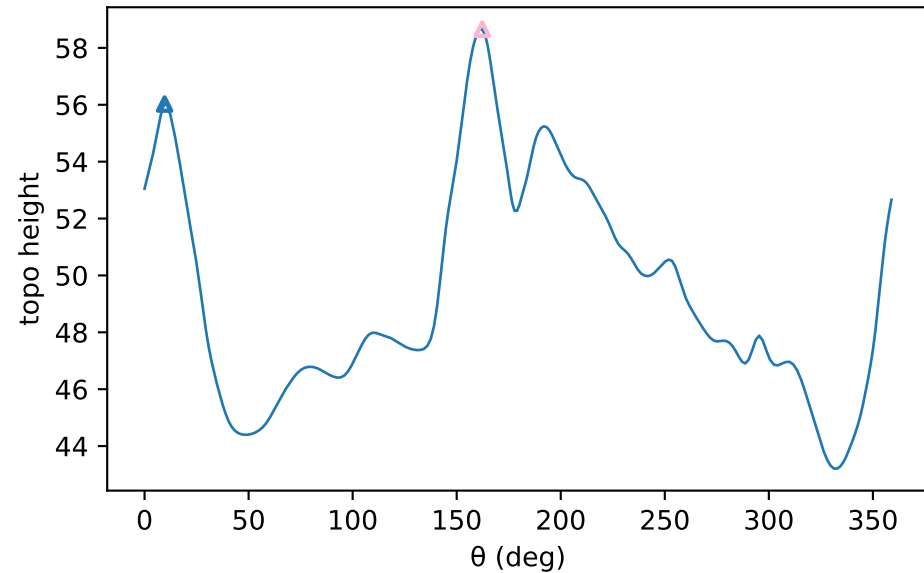
Outline



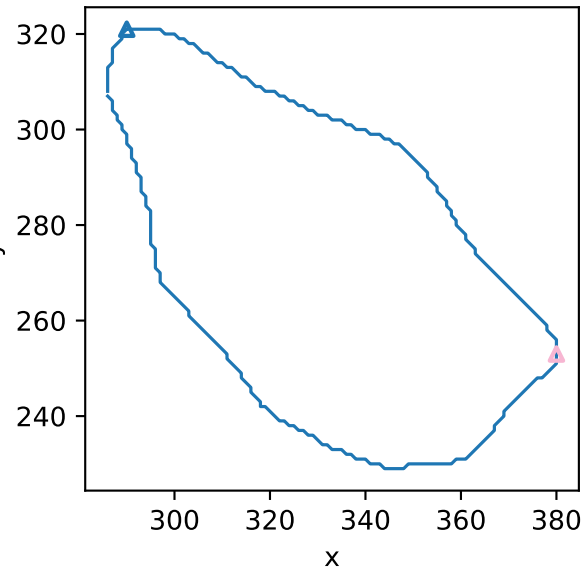
Topographical polar representation



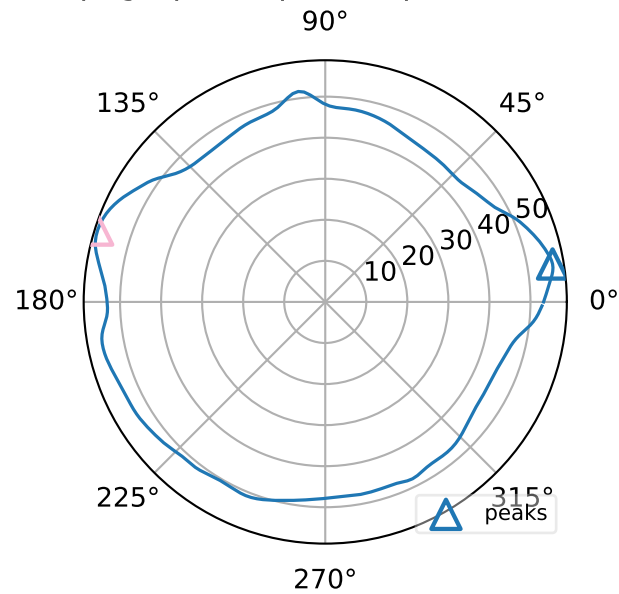
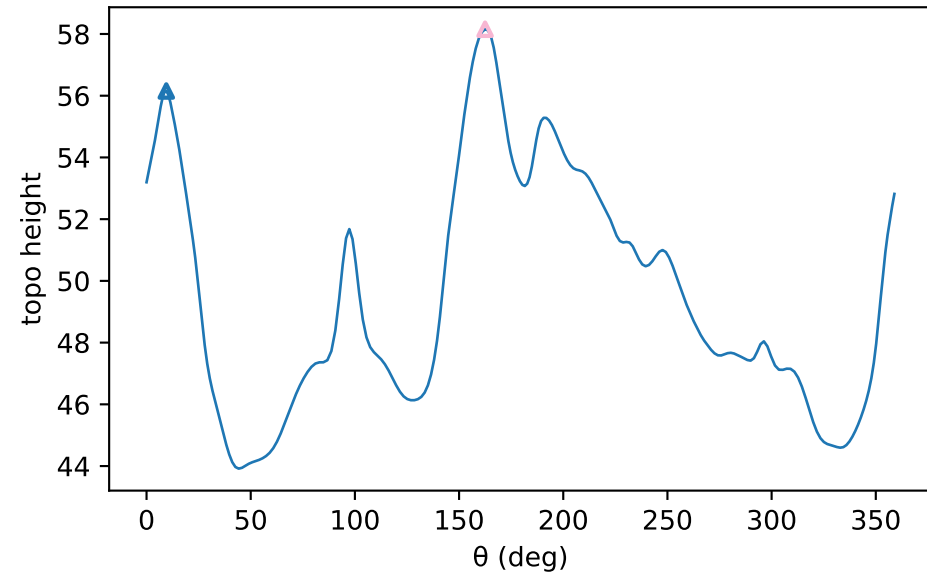
Topographical  $\theta$ -height



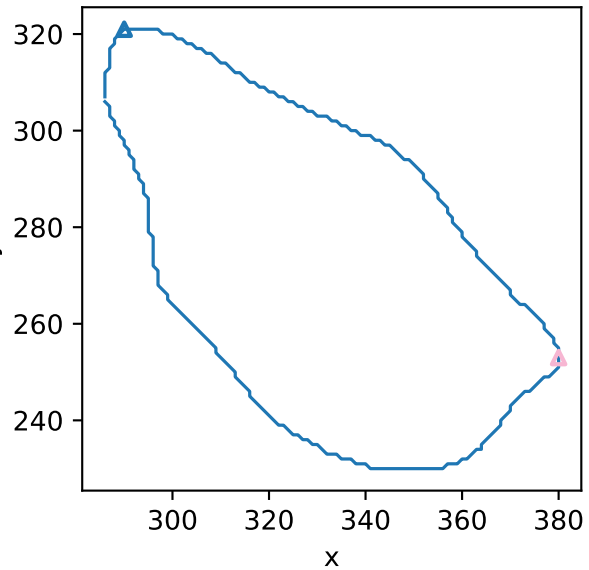
Outline



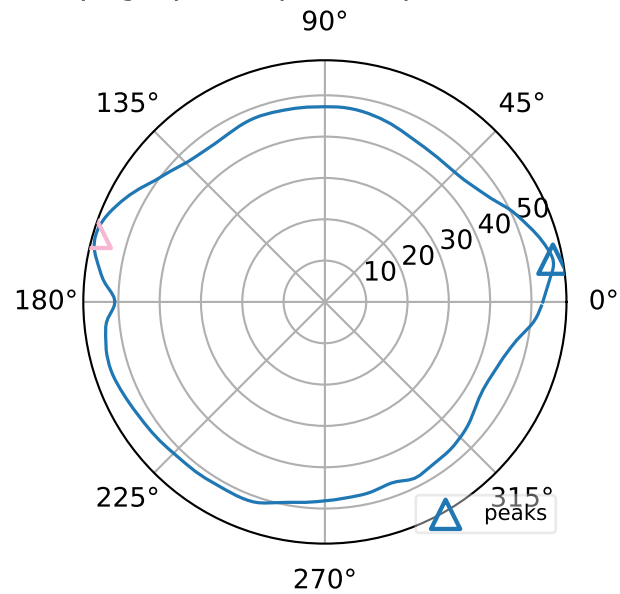
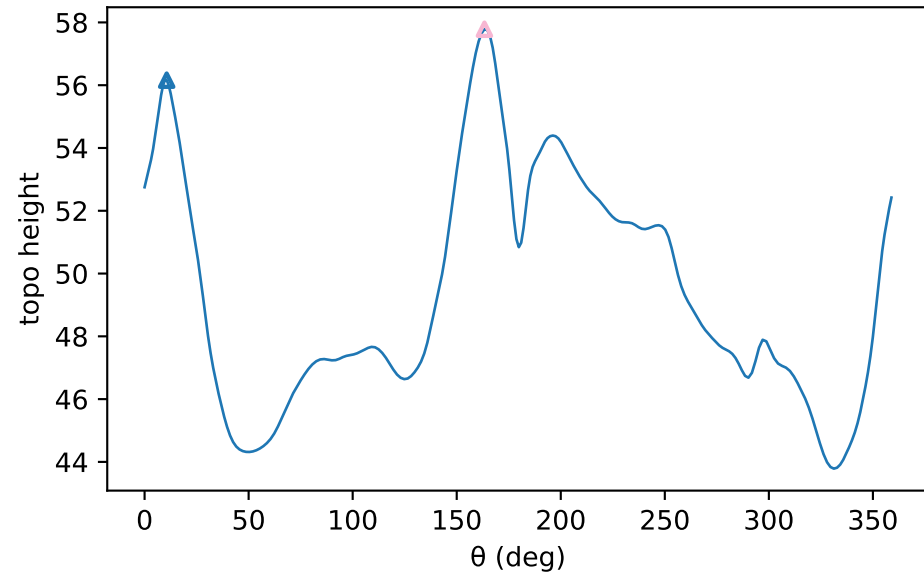
Topographical polar representation

Topographical  $\theta$ -height

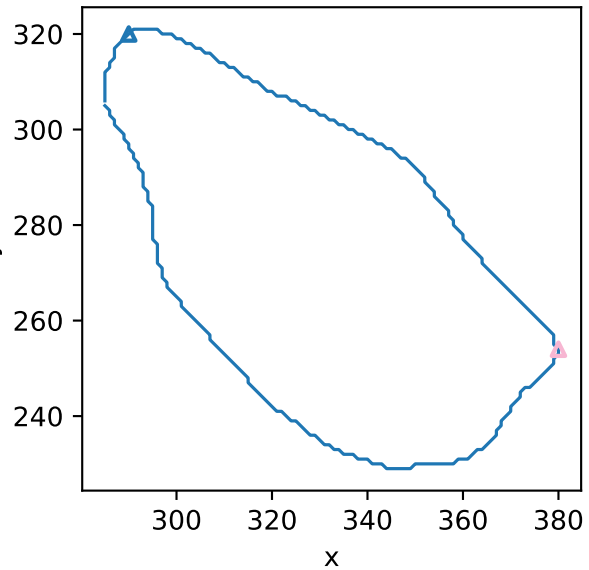
Outline



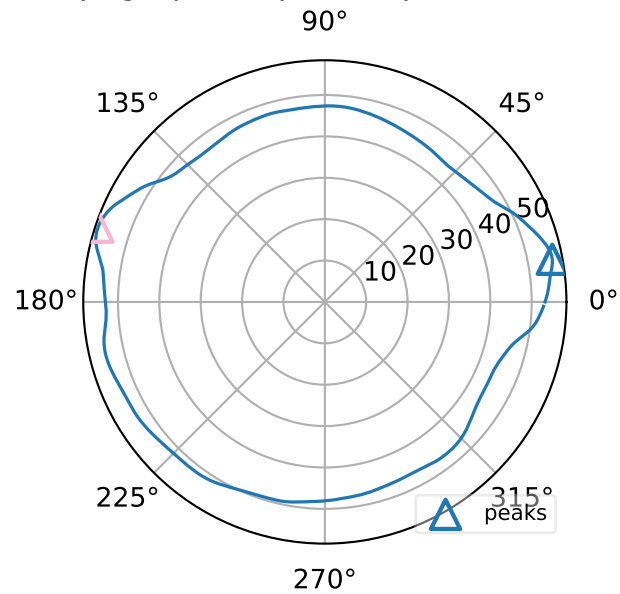
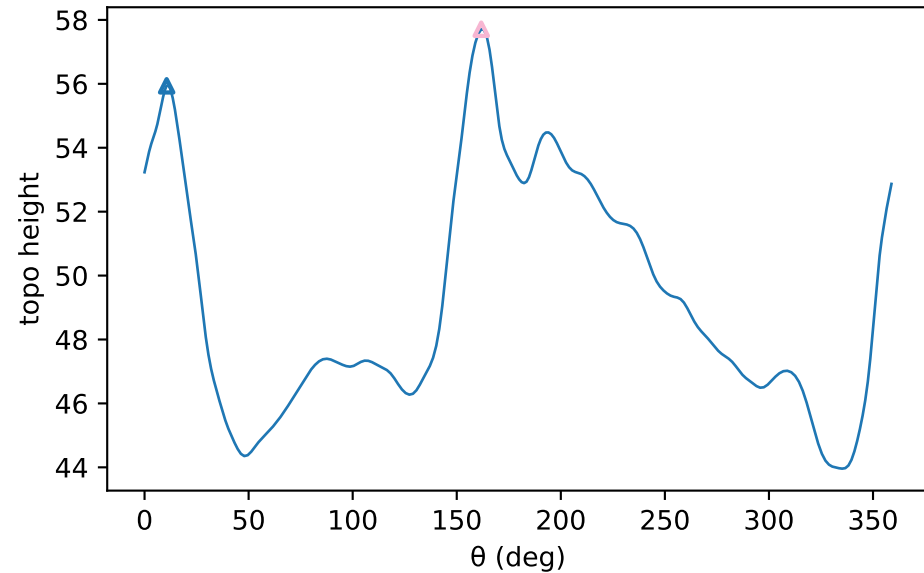
Topographical polar representation

Topographical  $\theta$ -height

Outline



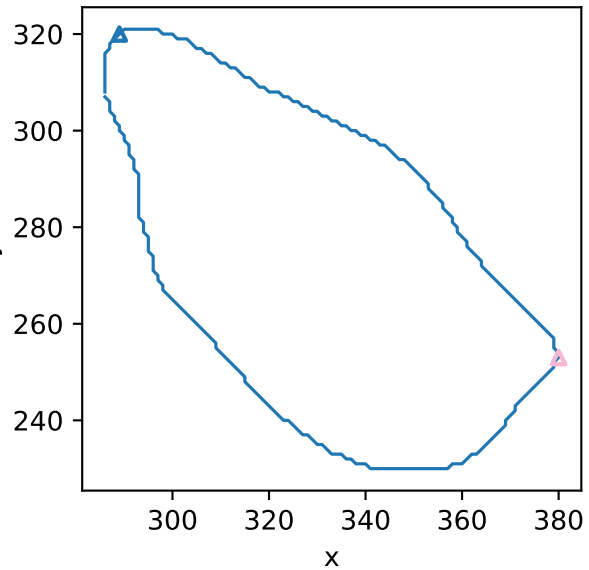
Topographical polar representation

Topographical  $\theta$ -height

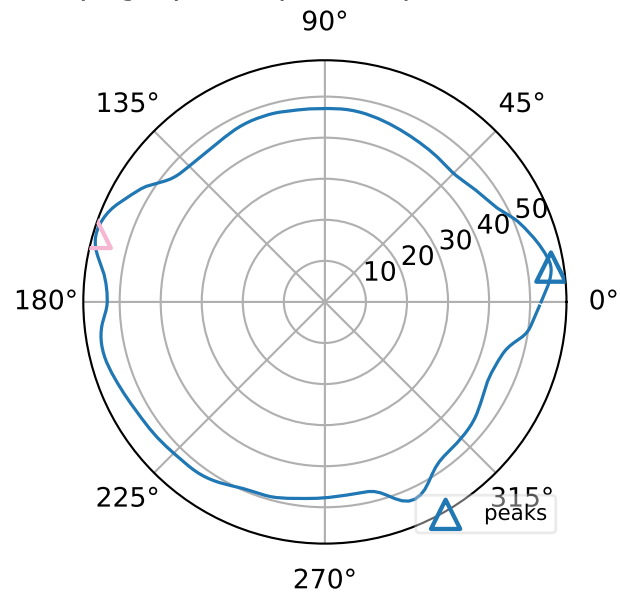


Frame 40 | t=40.000

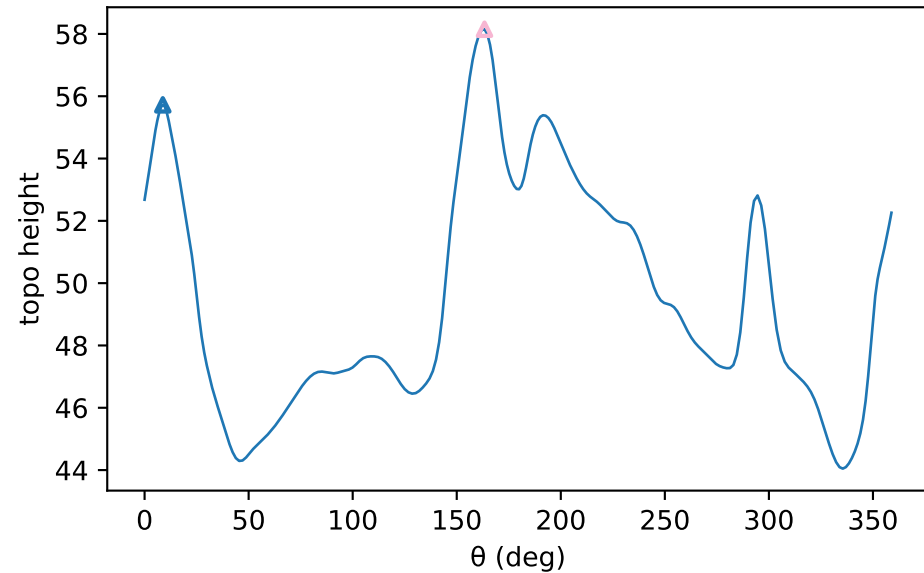
Outline



Topographical polar representation

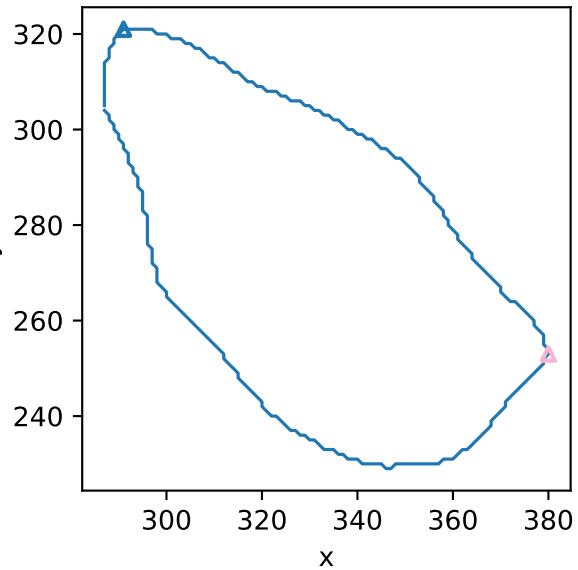


Topographical  $\theta$ -height

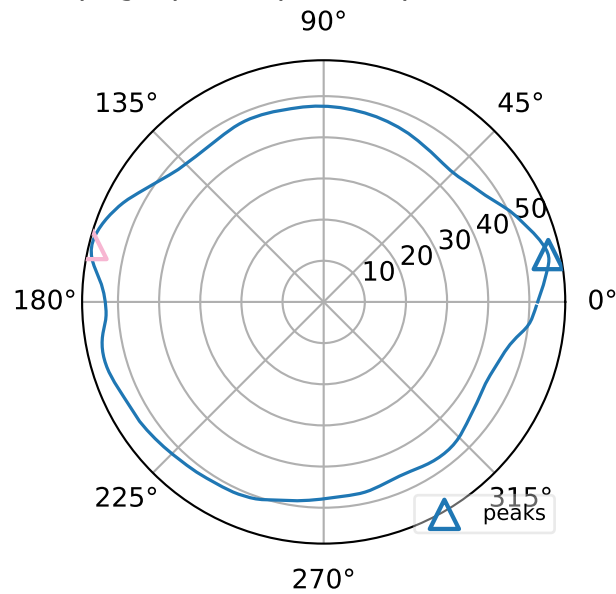


Frame 41 | t=41.000

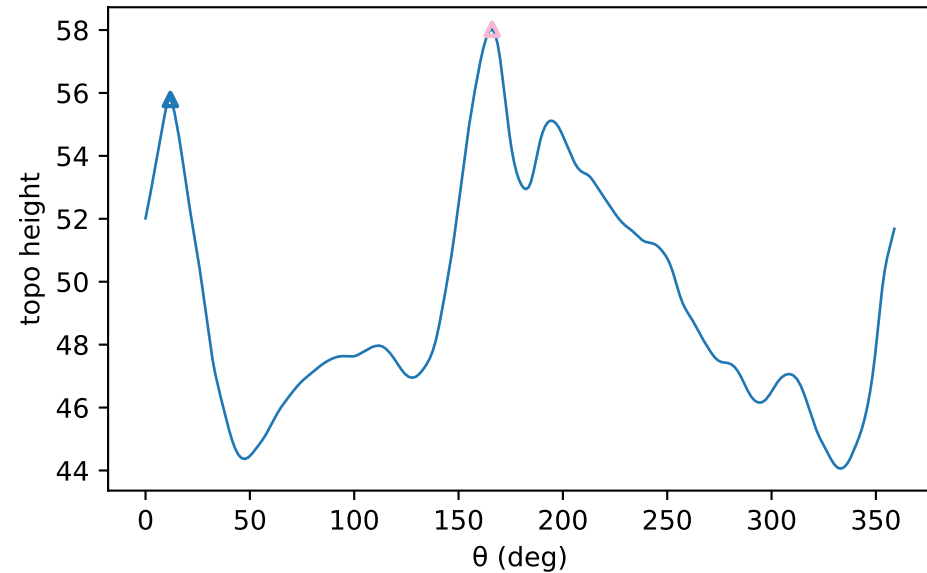
Outline



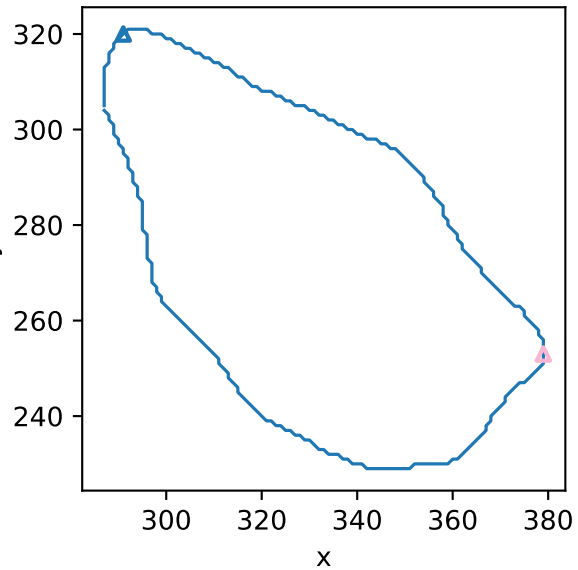
Topographical polar representation



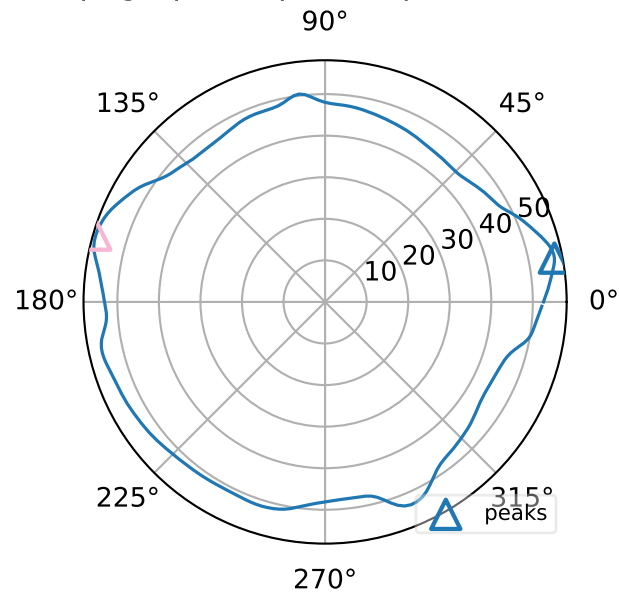
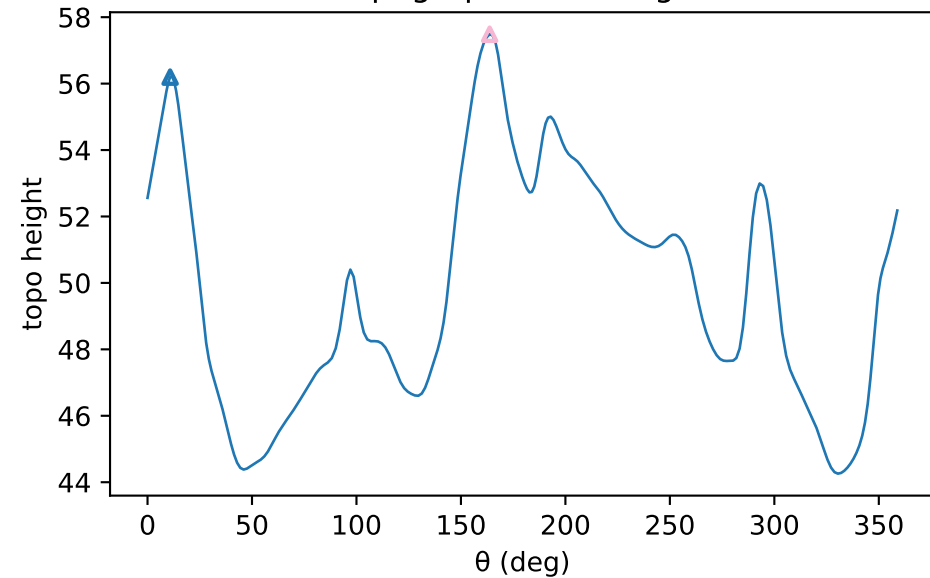
Topographical  $\theta$ -height



Outline

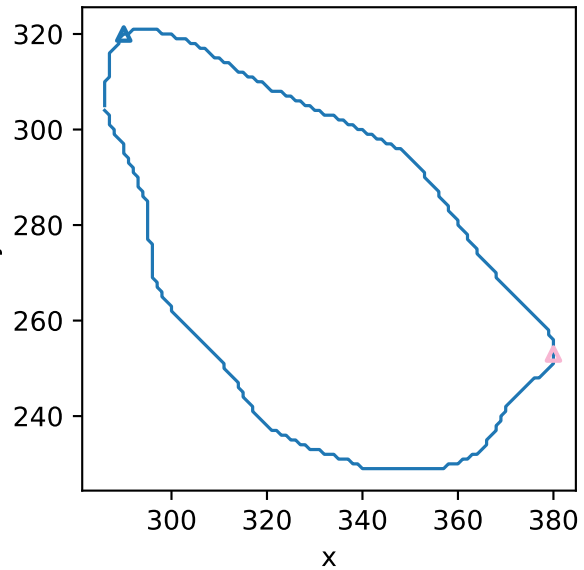


Topographical polar representation

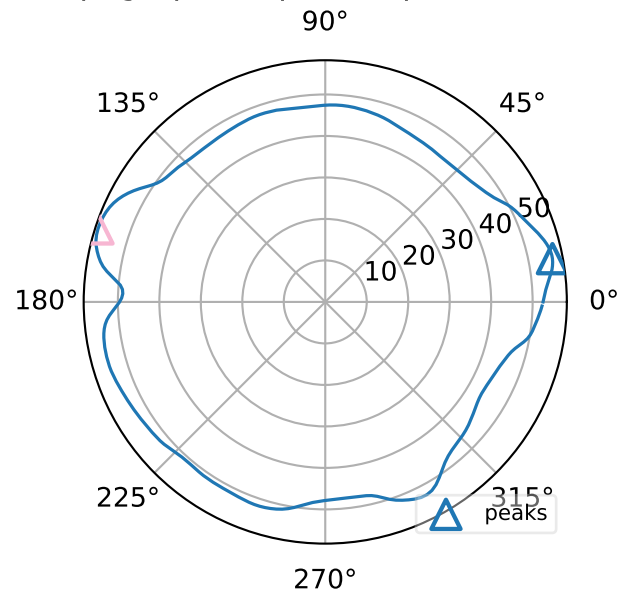
Topographical  $\theta$ -height

Frame 43 | t=43.000

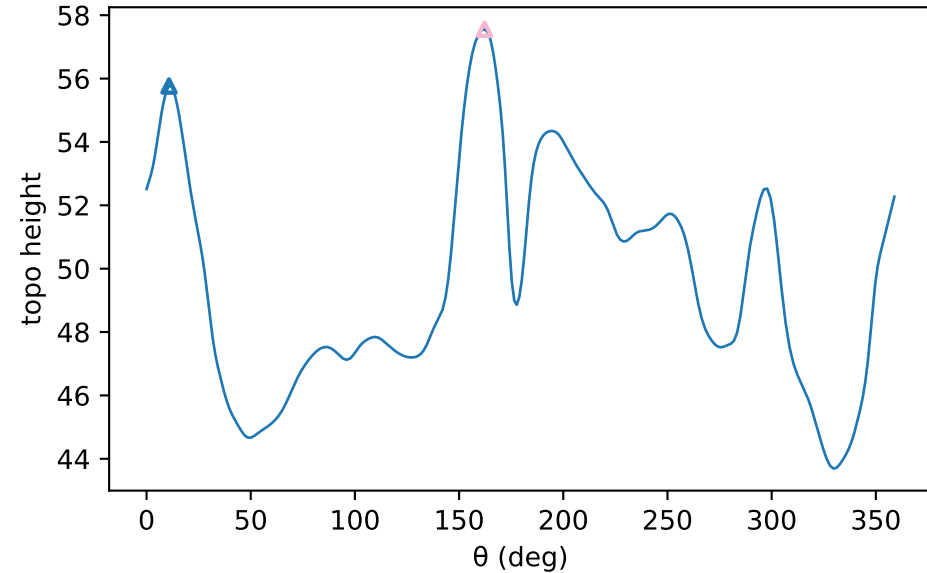
Outline



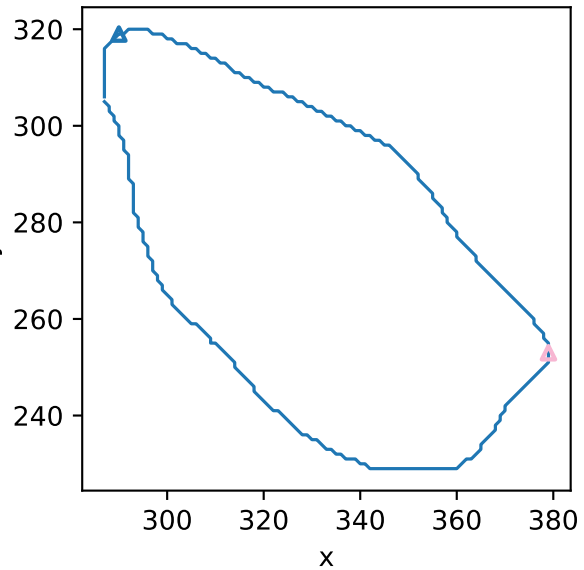
Topographical polar representation



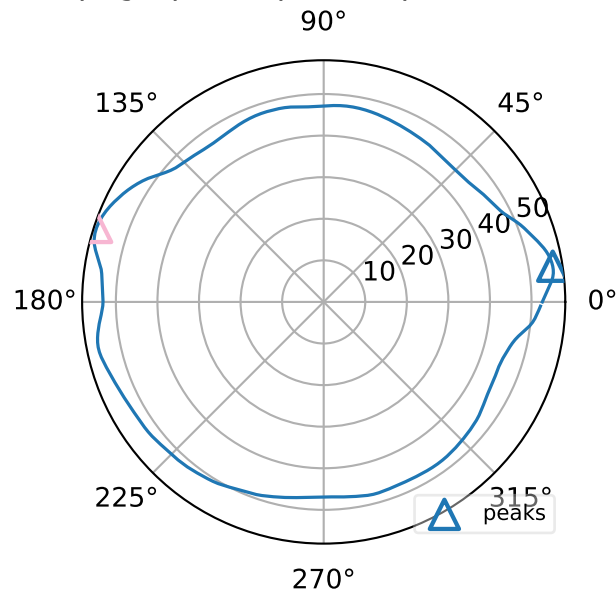
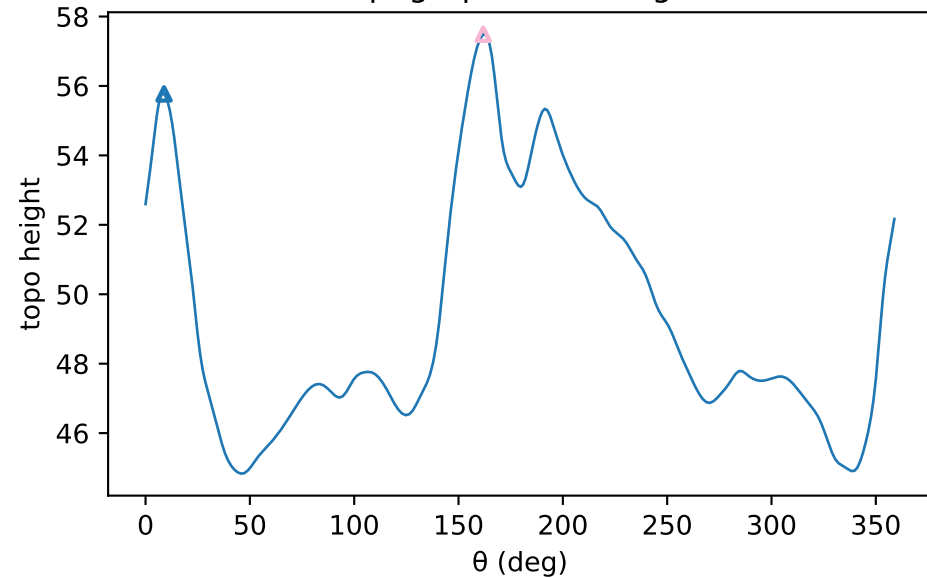
Topographical  $\theta$ -height



Outline

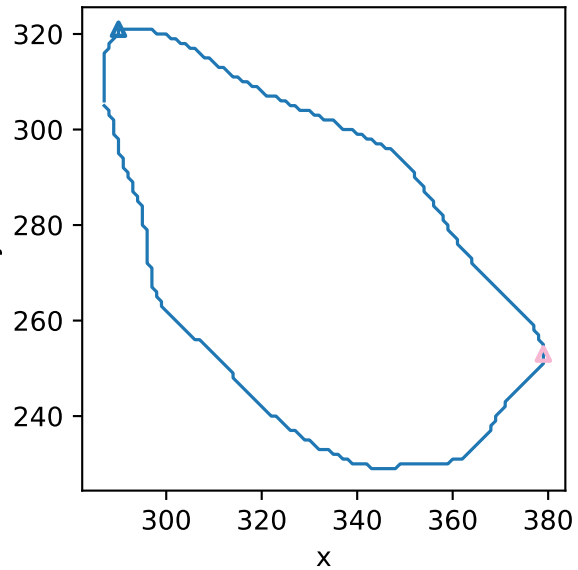


Topographical polar representation

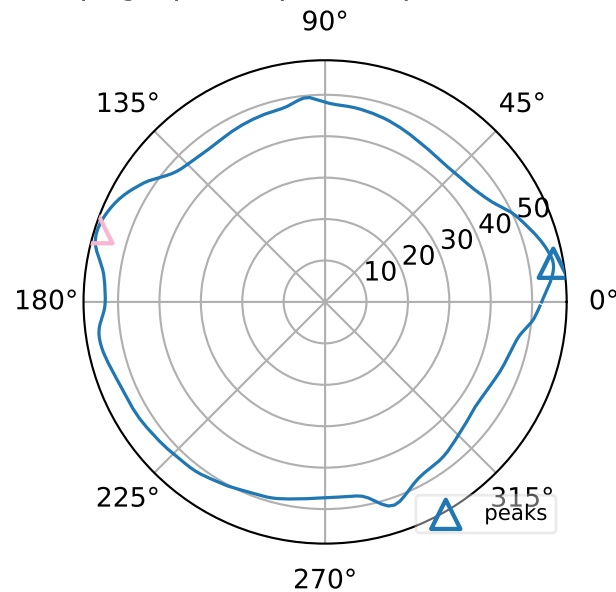
Topographical  $\theta$ -height

Frame 45 | t=45.000

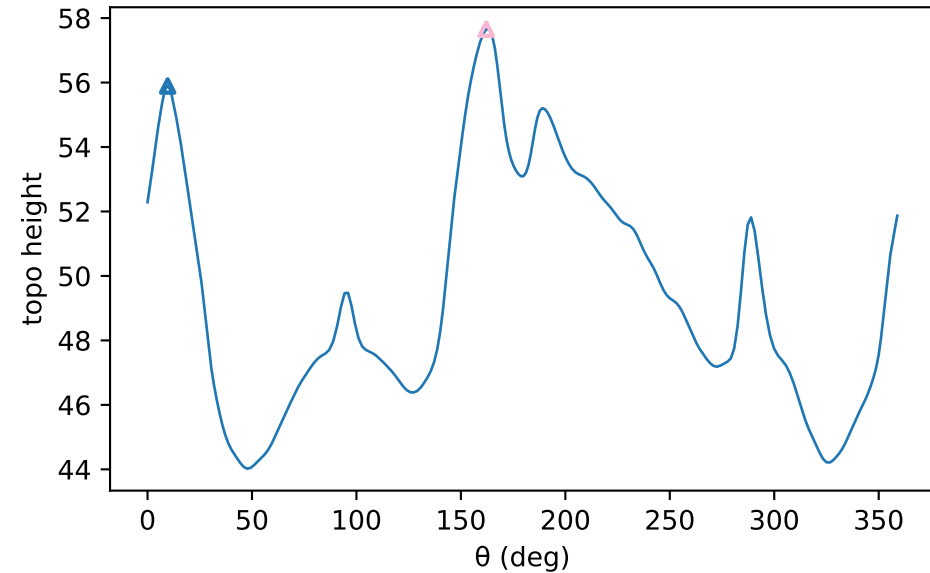
Outline



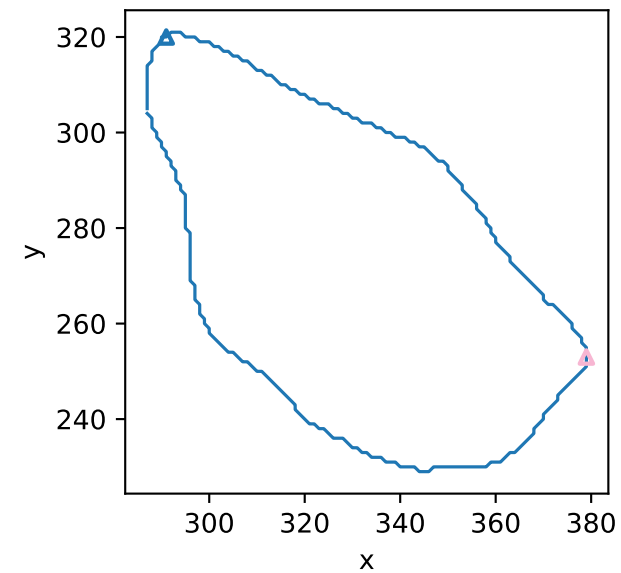
Topographical polar representation



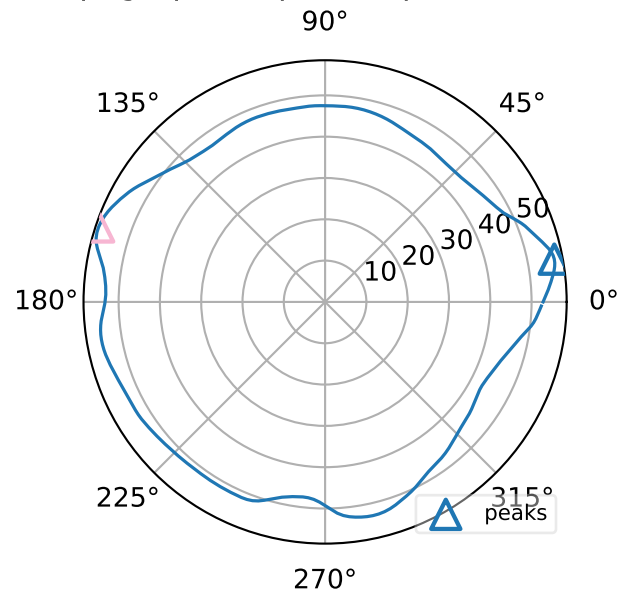
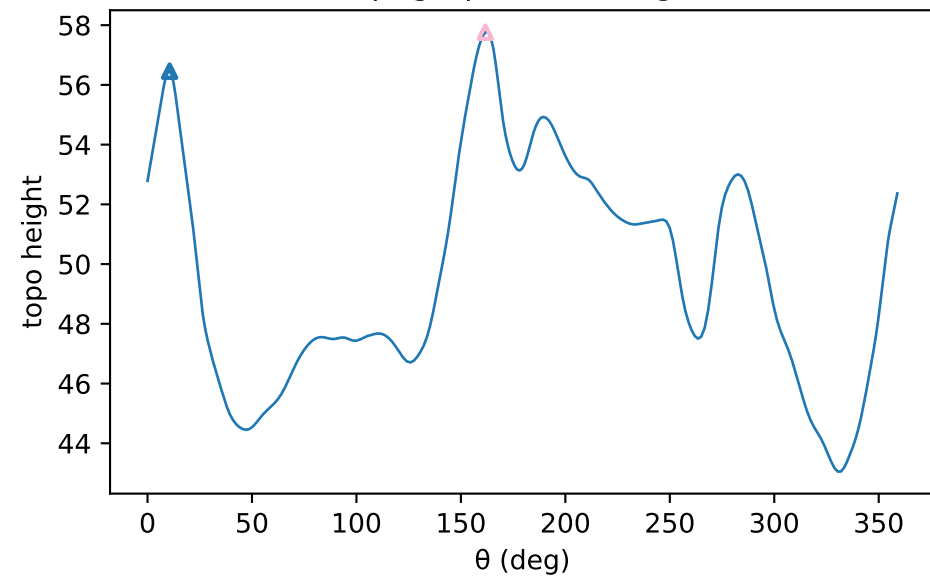
Topographical  $\theta$ -height



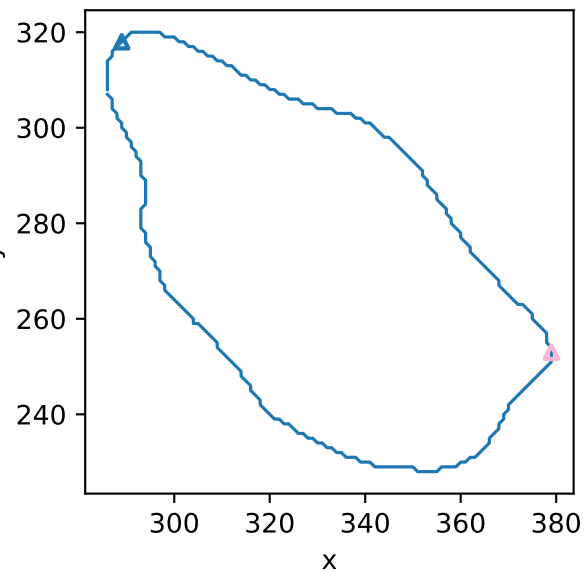
Outline



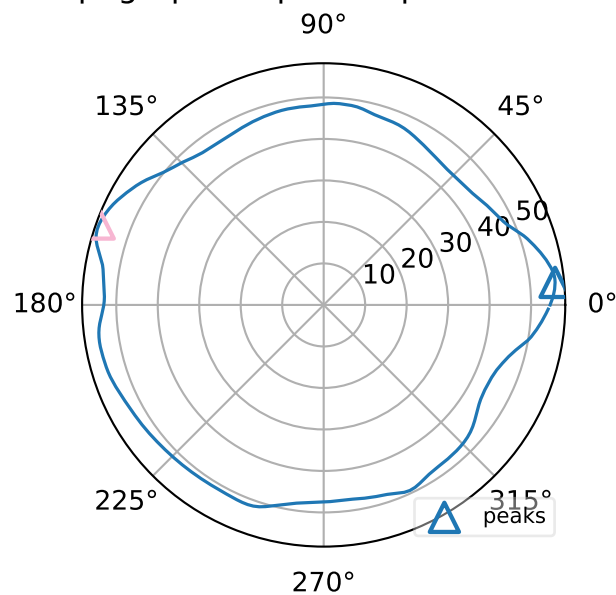
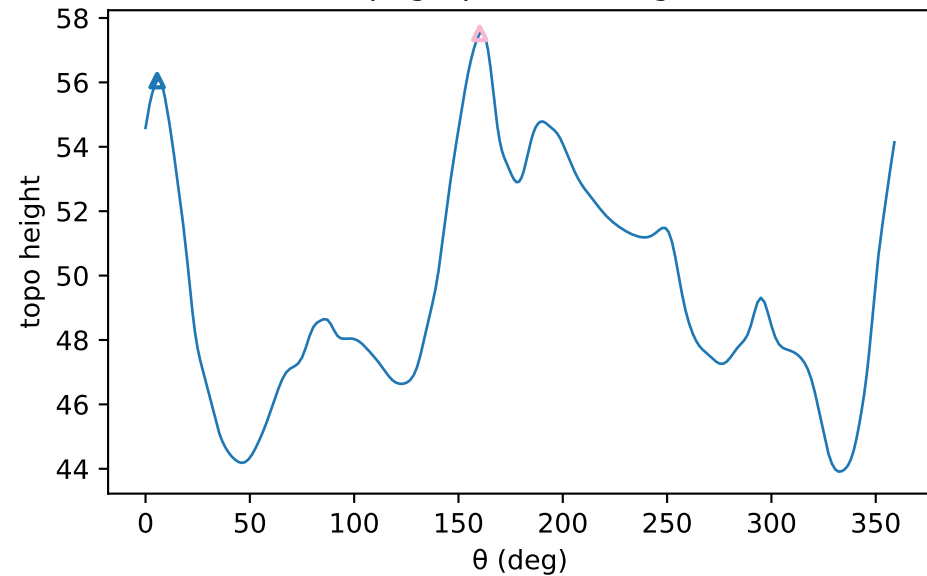
Topographical polar representation

Topographical  $\theta$ -height

Outline



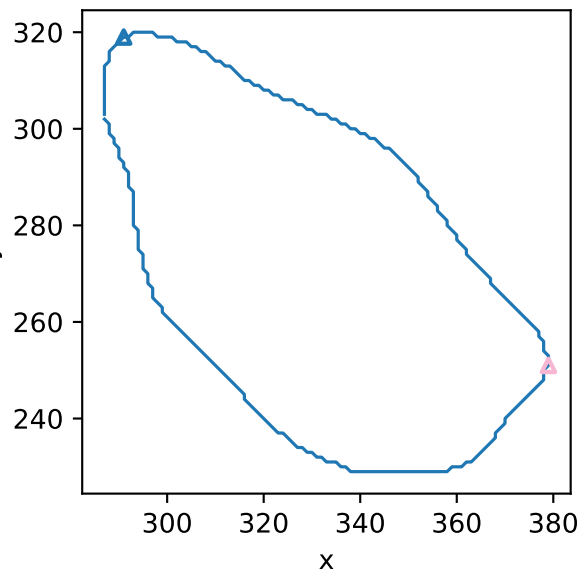
Topographical polar representation

Topographical  $\theta$ -height

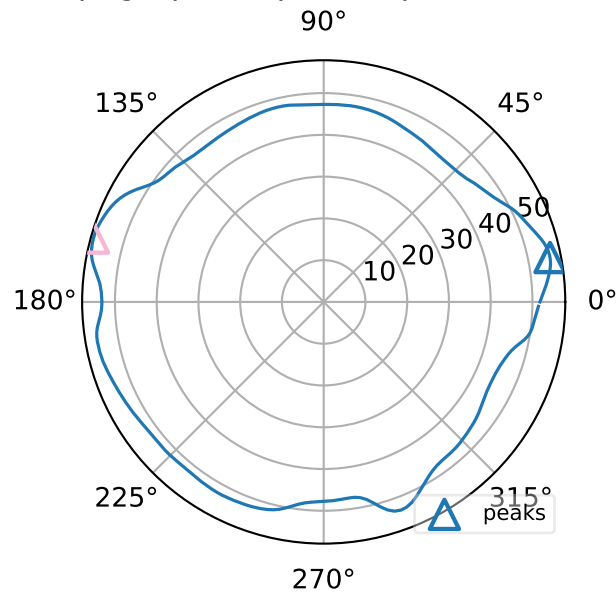


Frame 48 | t=48.000

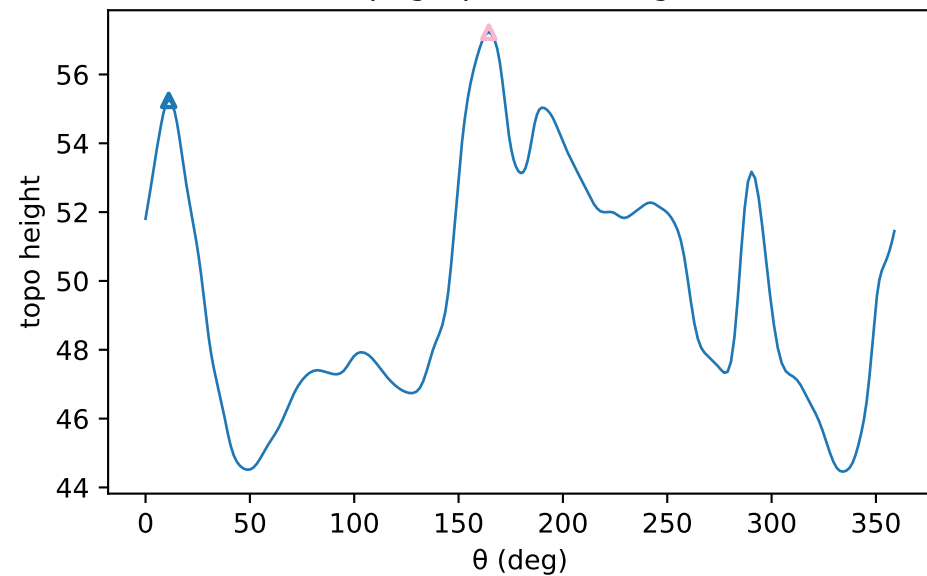
Outline



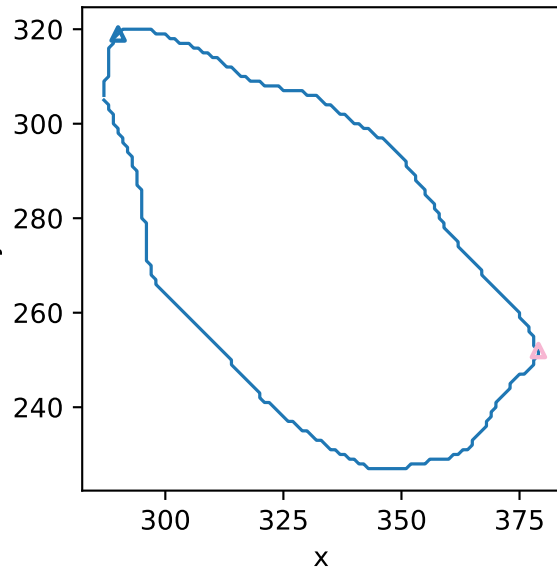
Topographical polar representation



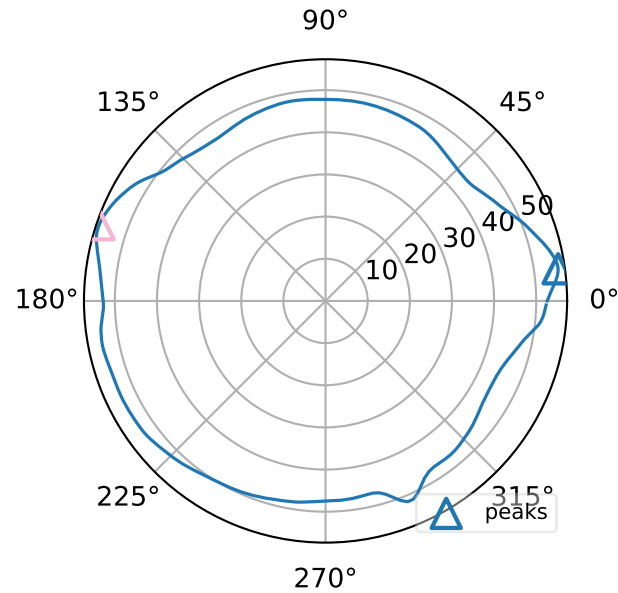
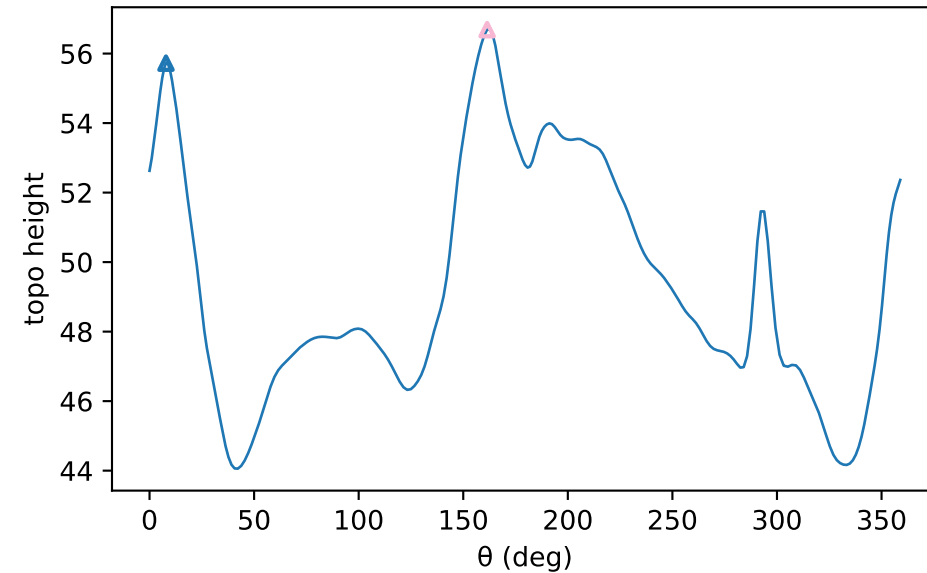
Topographical  $\theta$ -height



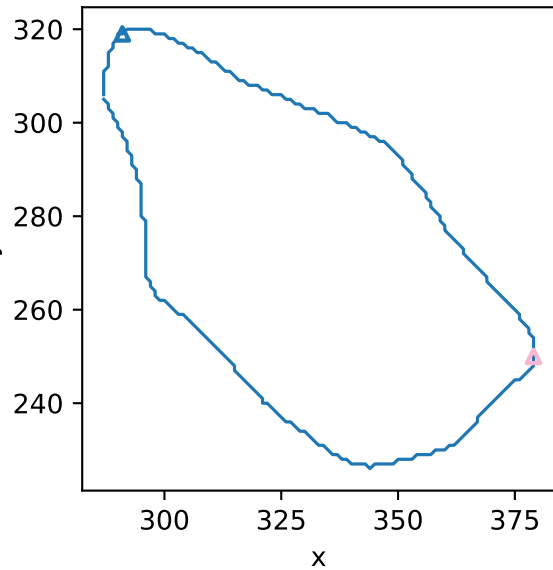
Outline



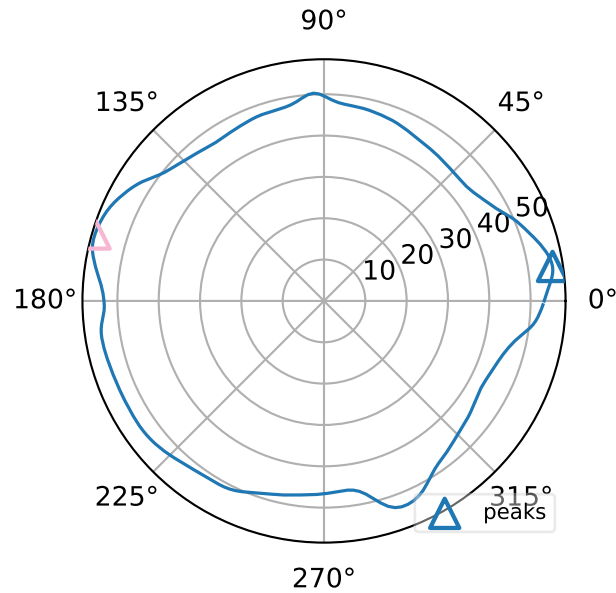
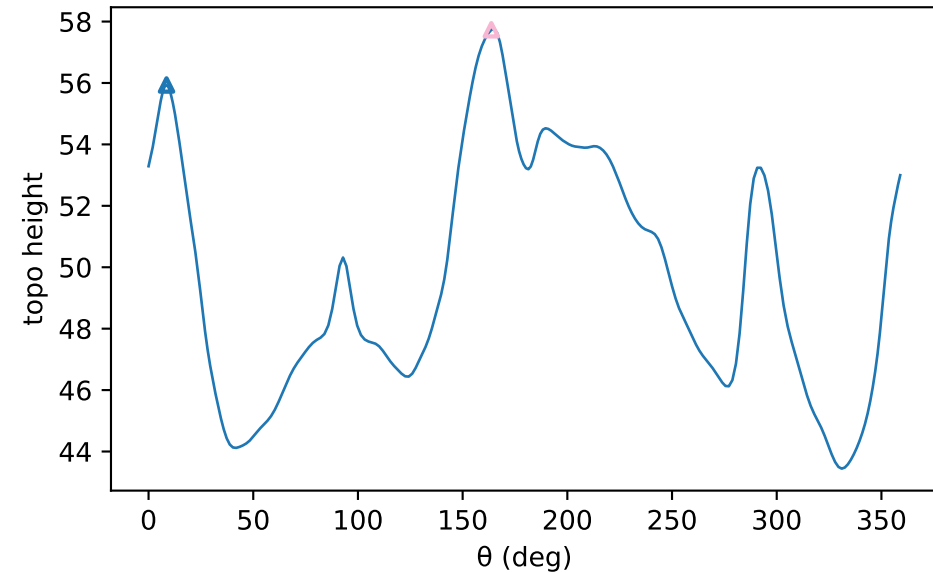
Topographical polar representation

Topographical  $\theta$ -height

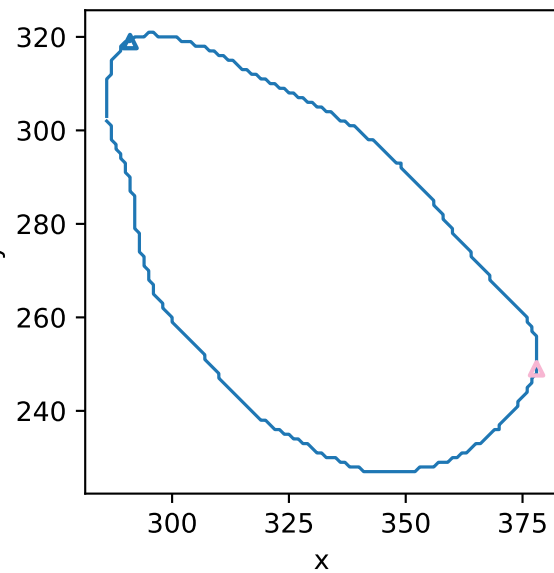
Outline



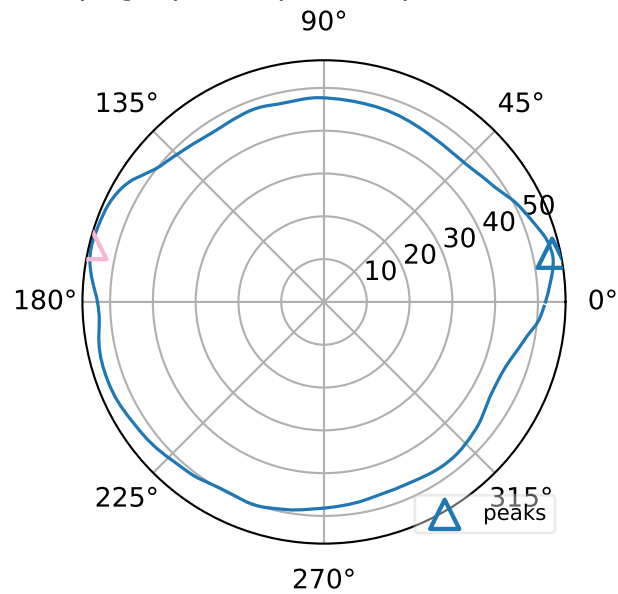
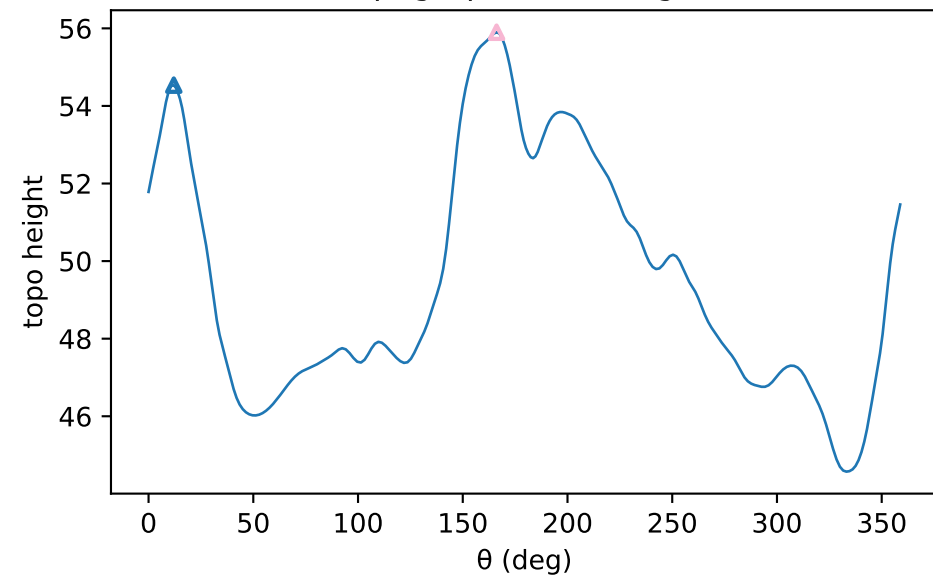
Topographical polar representation

Topographical  $\theta$ -height

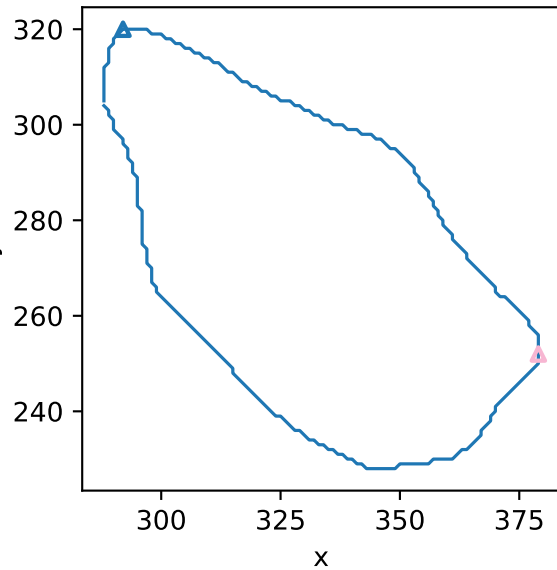
Outline



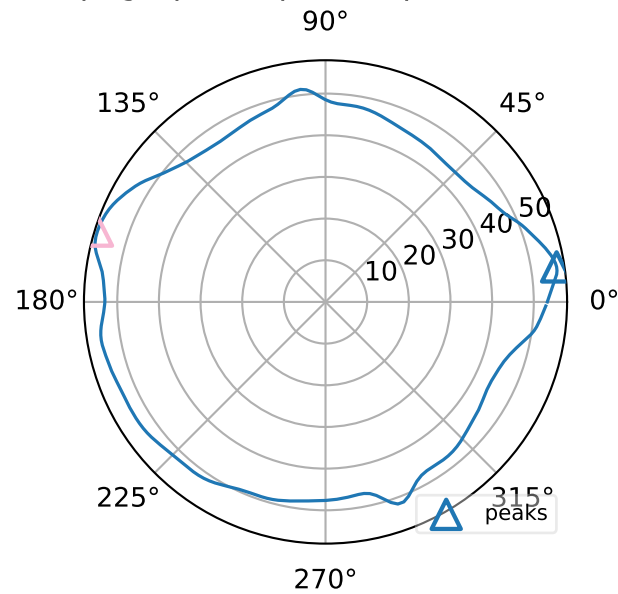
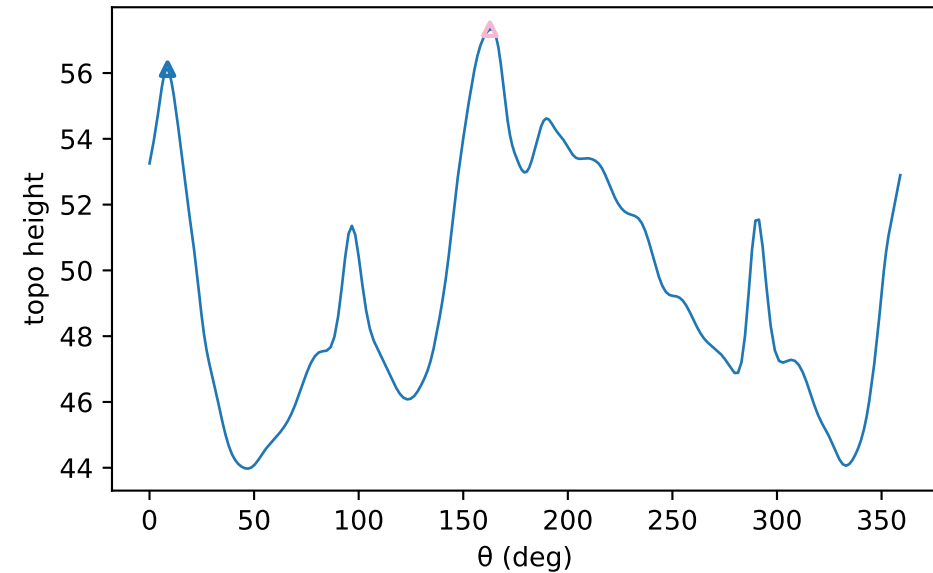
Topographical polar representation

Topographical  $\theta$ -height

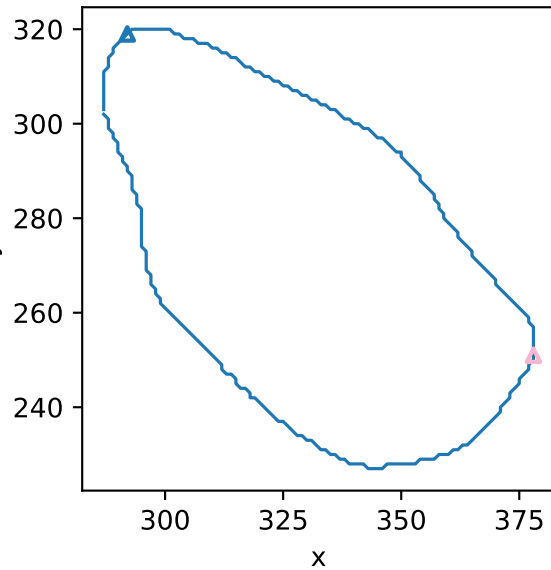
Outline



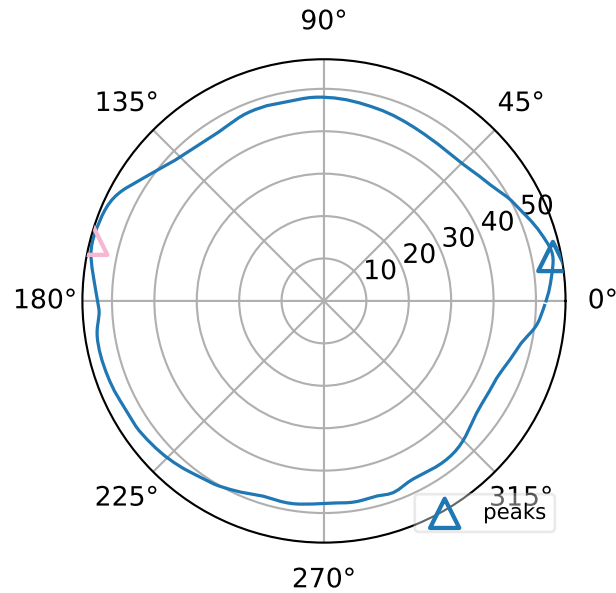
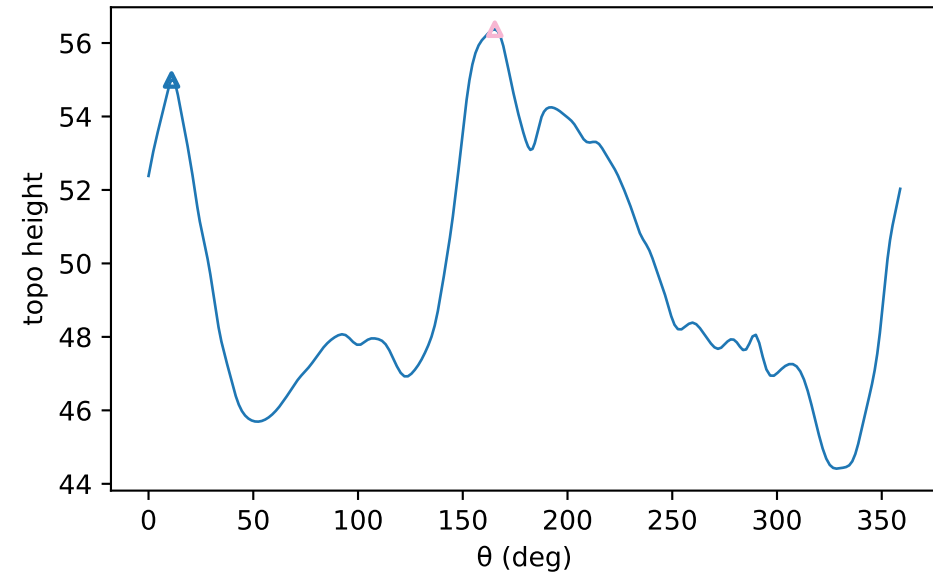
Topographical polar representation

Topographical  $\theta$ -height

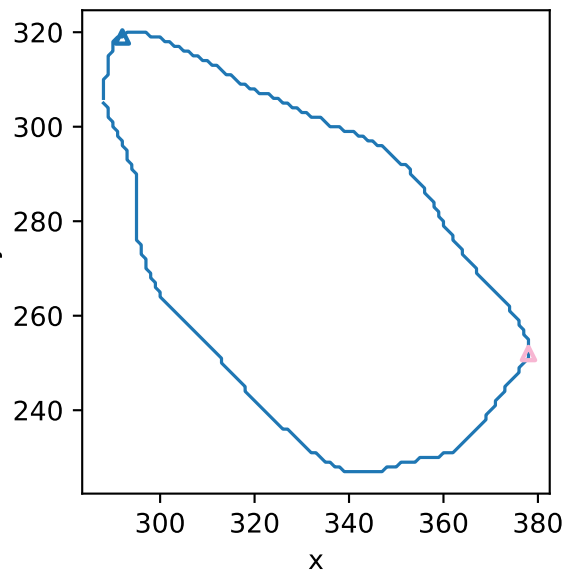
Outline



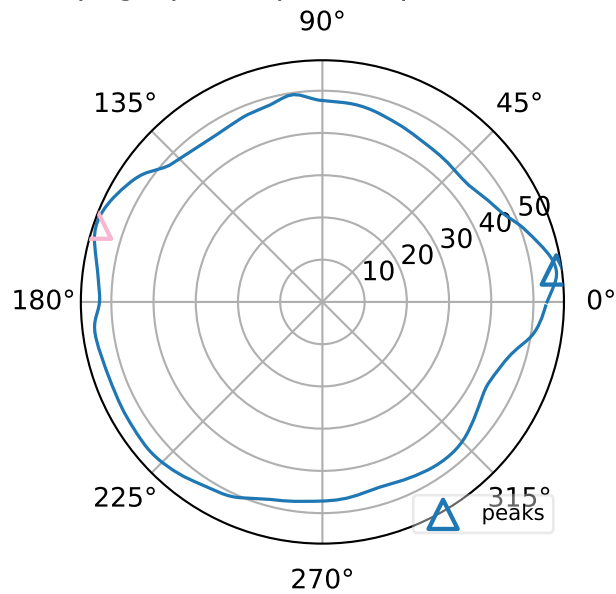
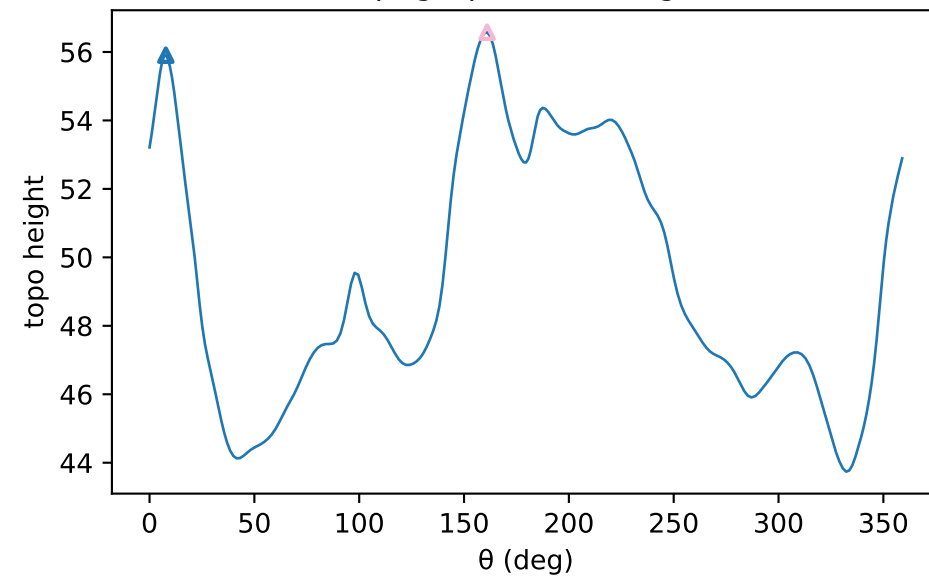
Topographical polar representation

Topographical  $\theta$ -height

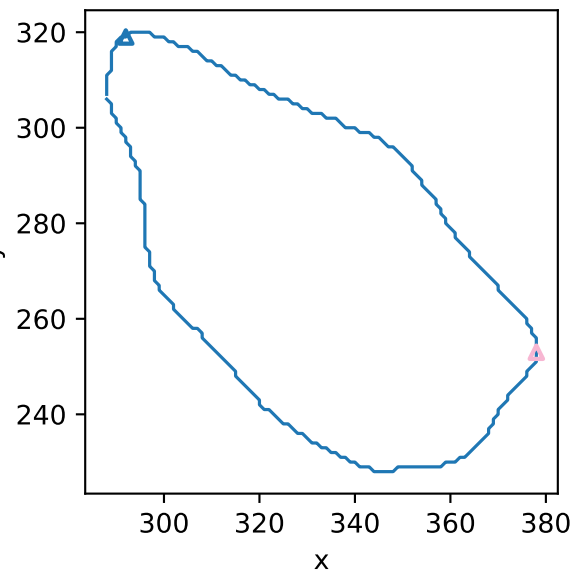
Outline



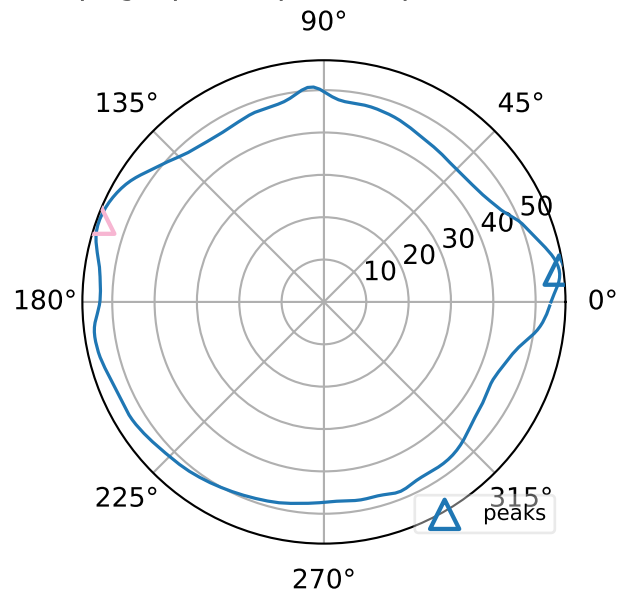
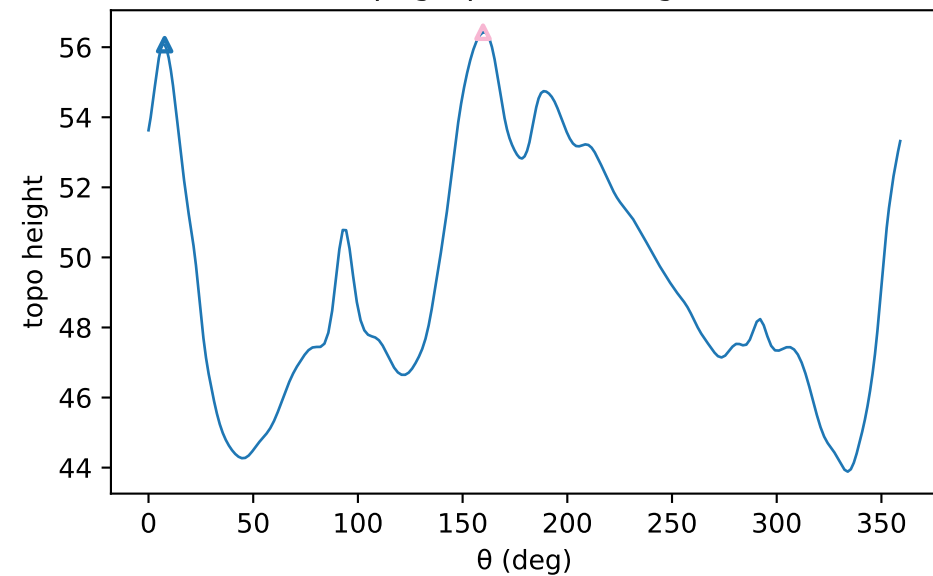
Topographical polar representation

Topographical  $\theta$ -height

Outline

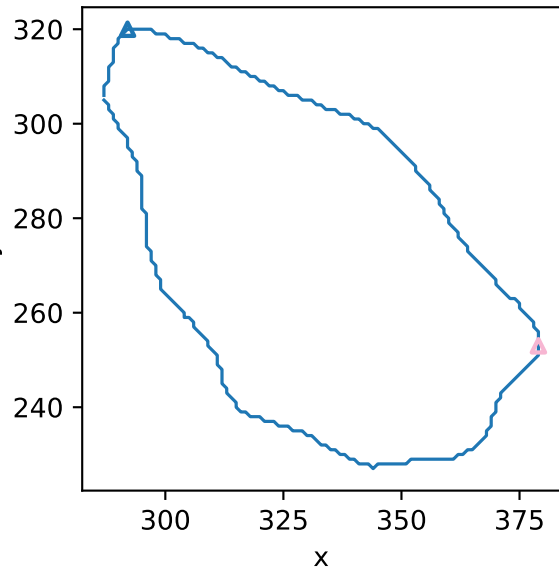


Topographical polar representation

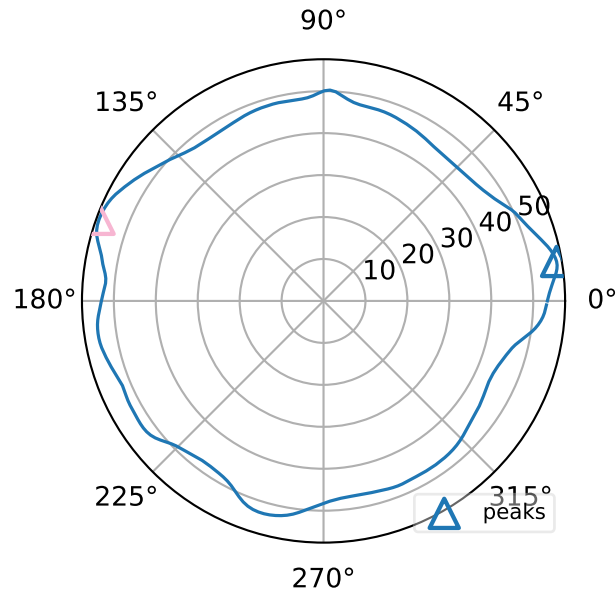
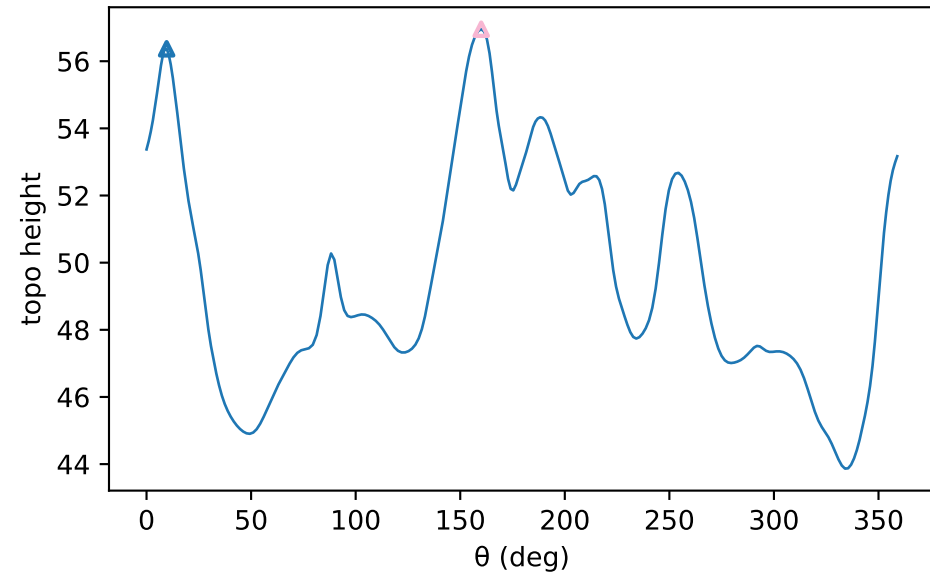
Topographical  $\theta$ -height



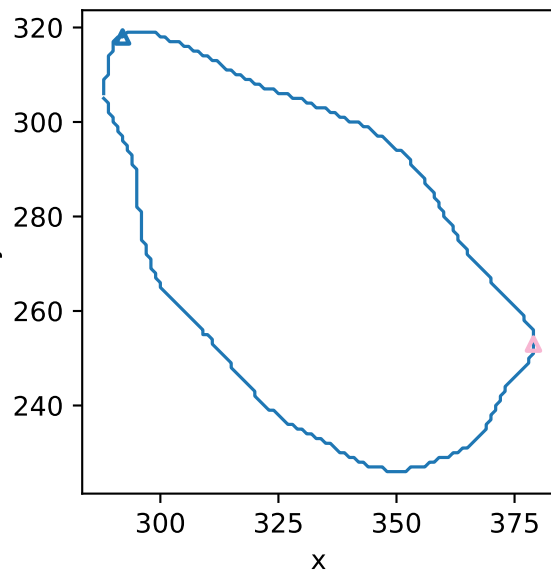
Outline



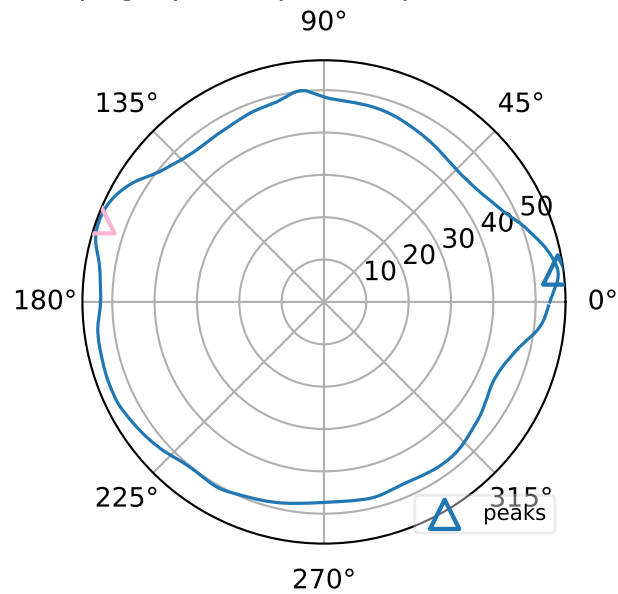
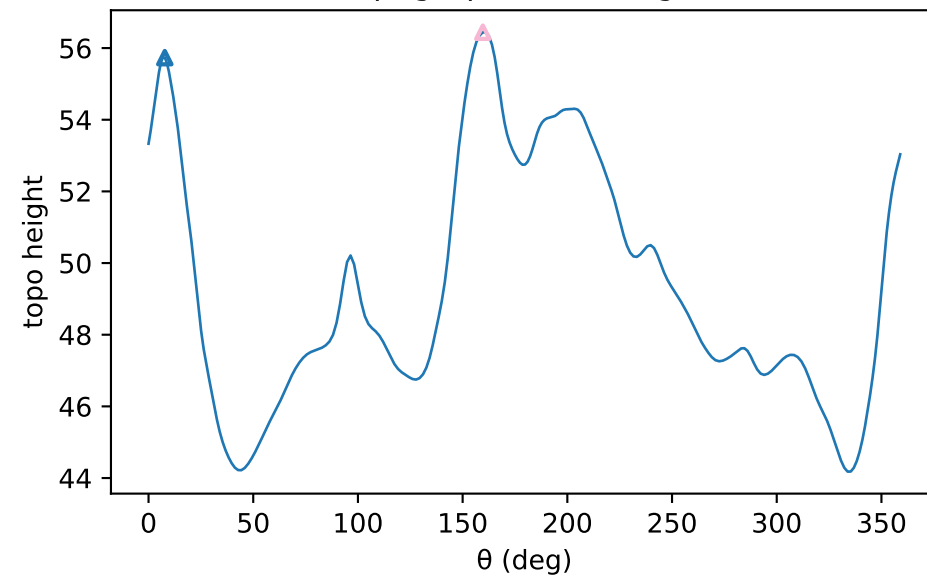
Topographical polar representation

Topographical  $\theta$ -height

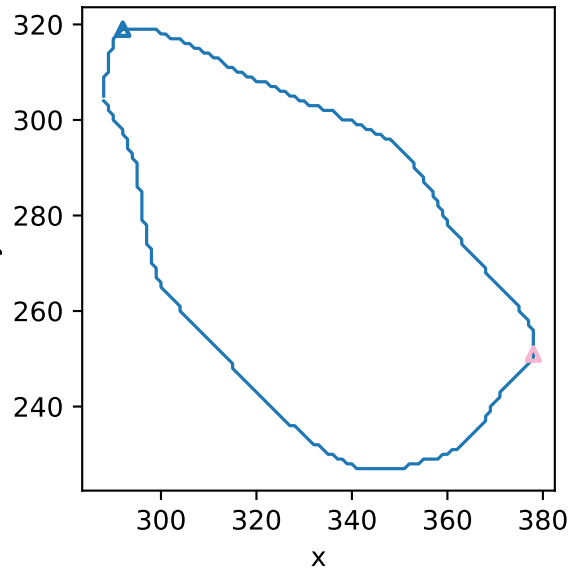
Outline



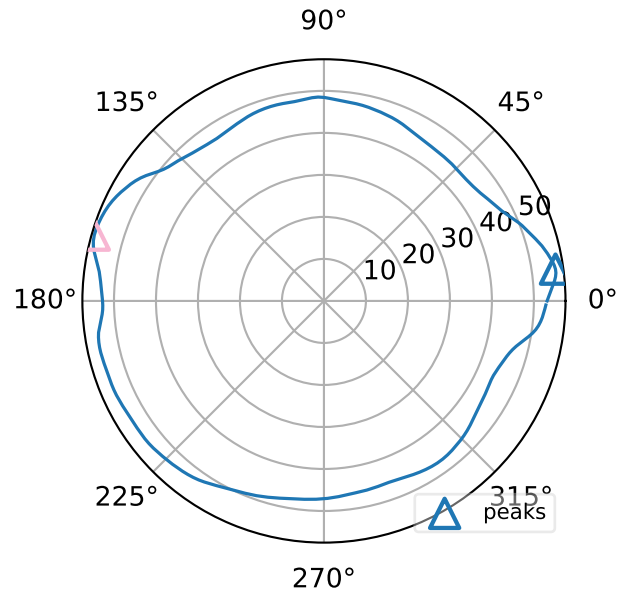
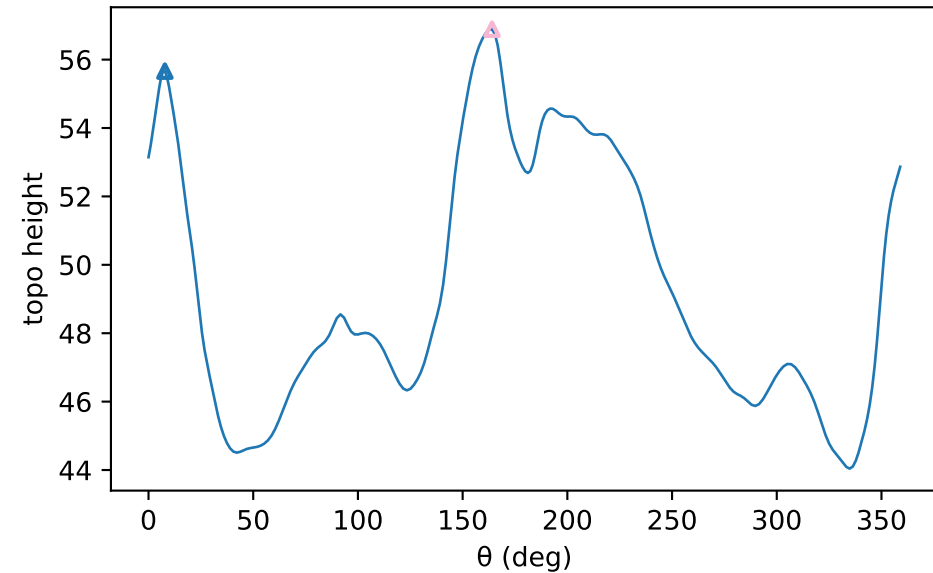
Topographical polar representation

Topographical  $\theta$ -height

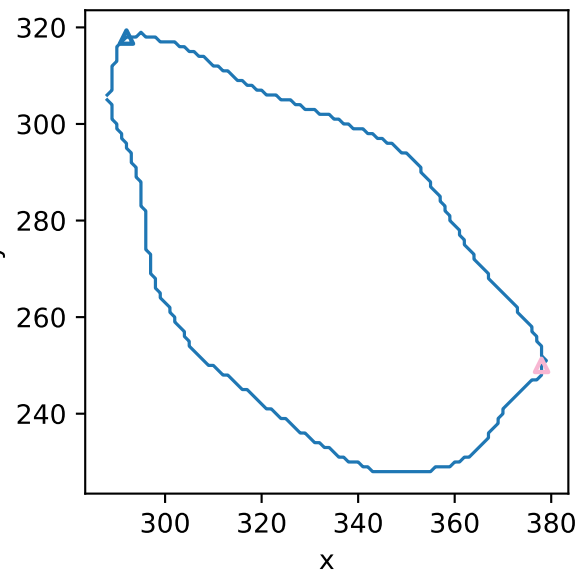
Outline



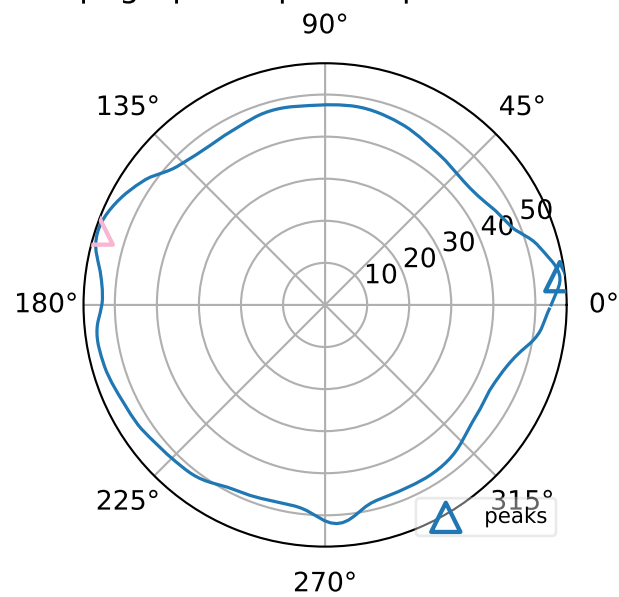
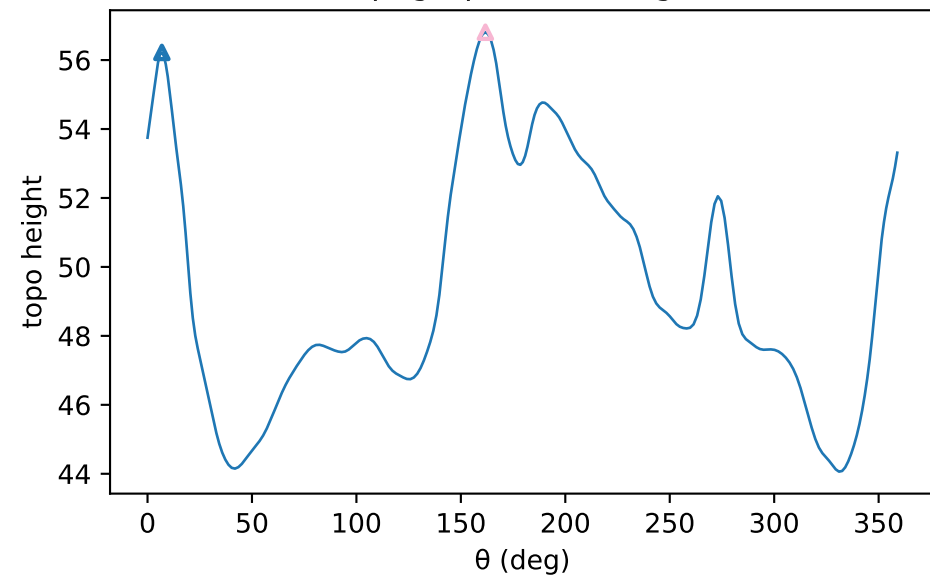
Topographical polar representation

Topographical  $\theta$ -height

Outline

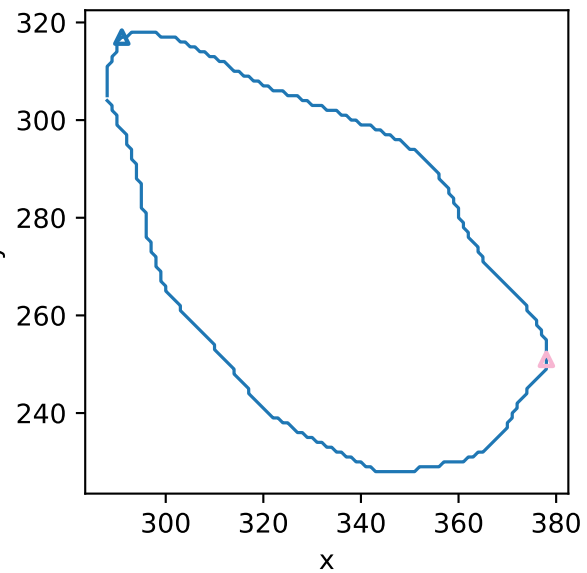


Topographical polar representation

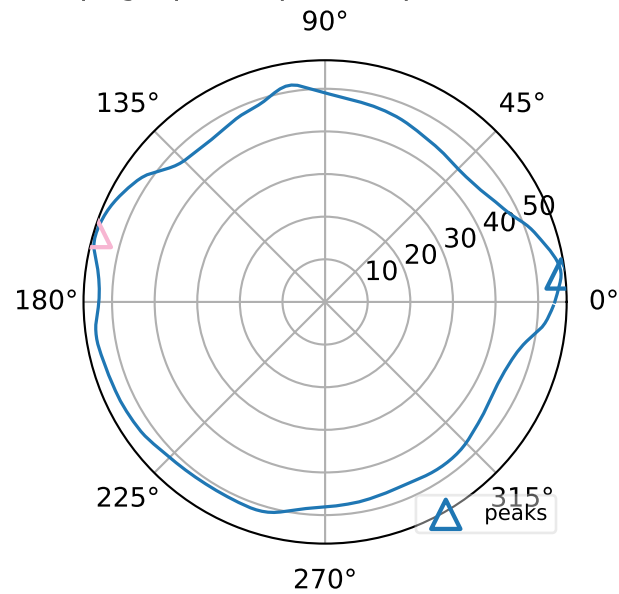
Topographical  $\theta$ -height

Frame 60 | t=60.000

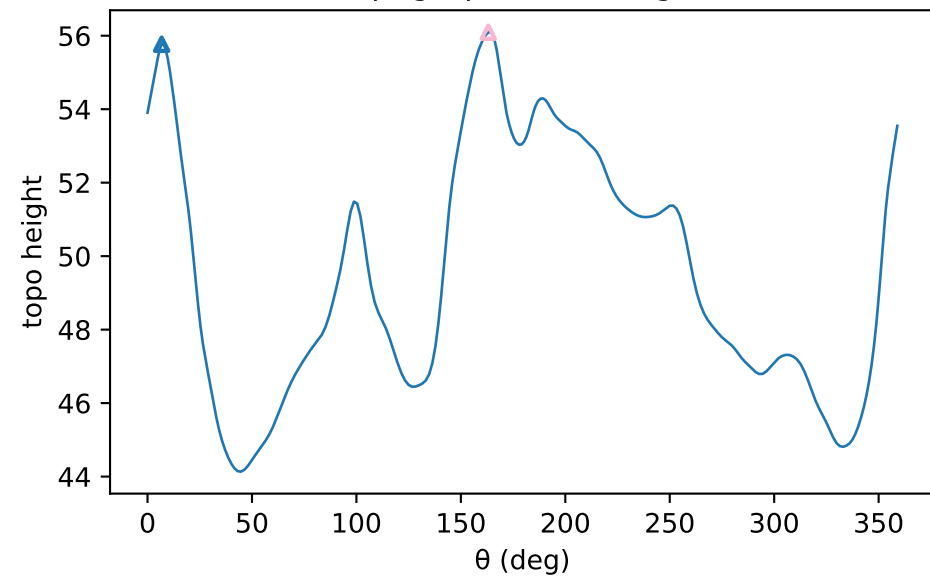
Outline



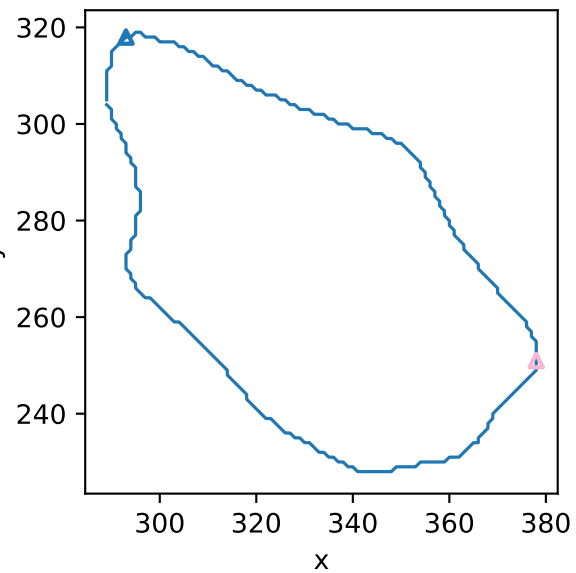
Topographical polar representation



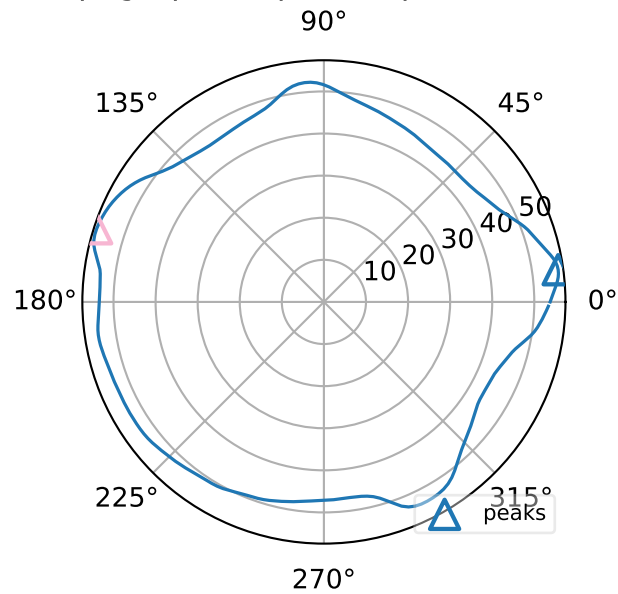
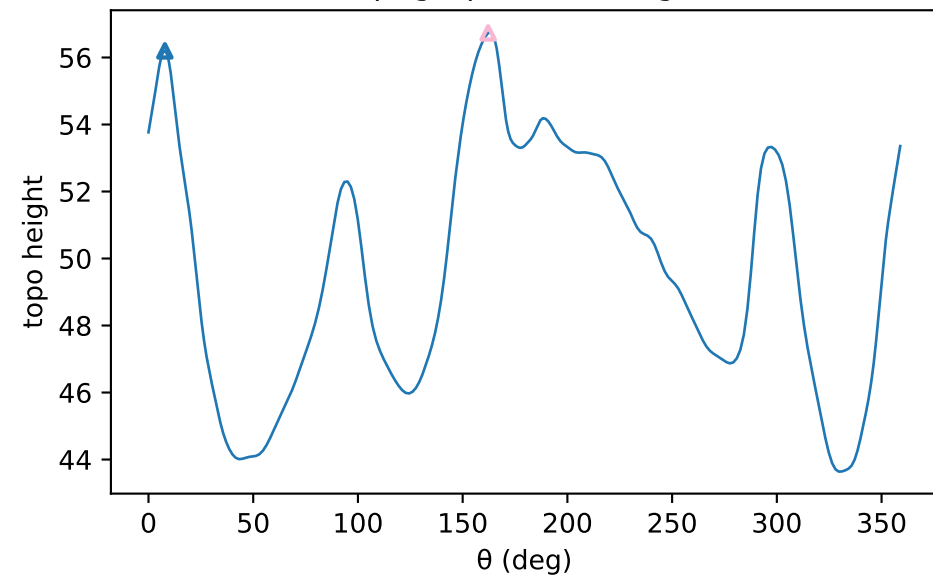
Topographical  $\theta$ -height



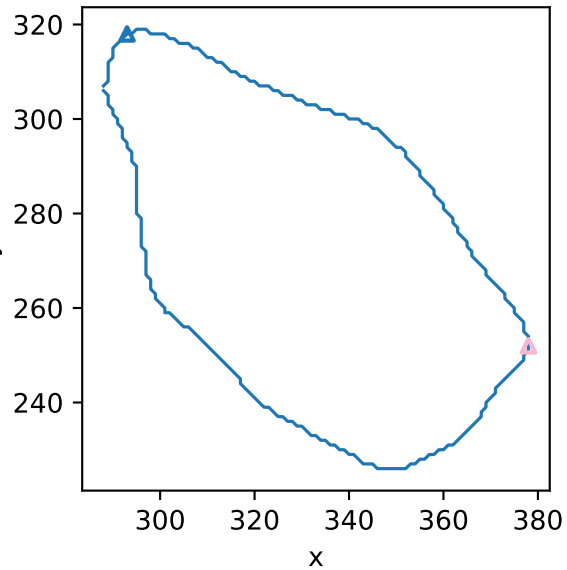
Outline



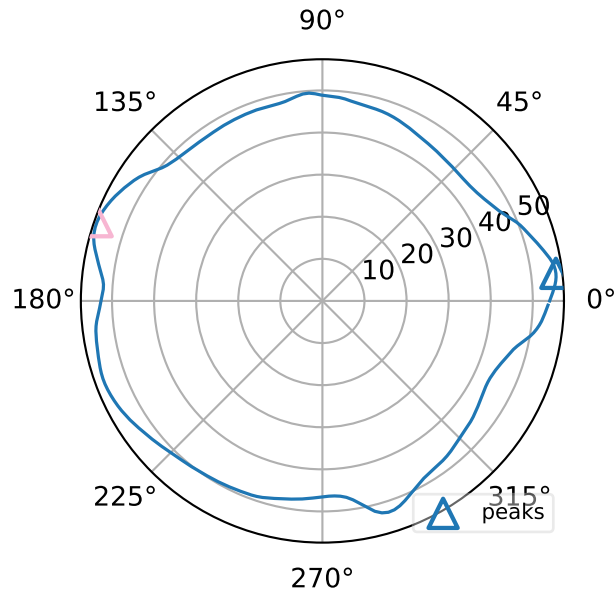
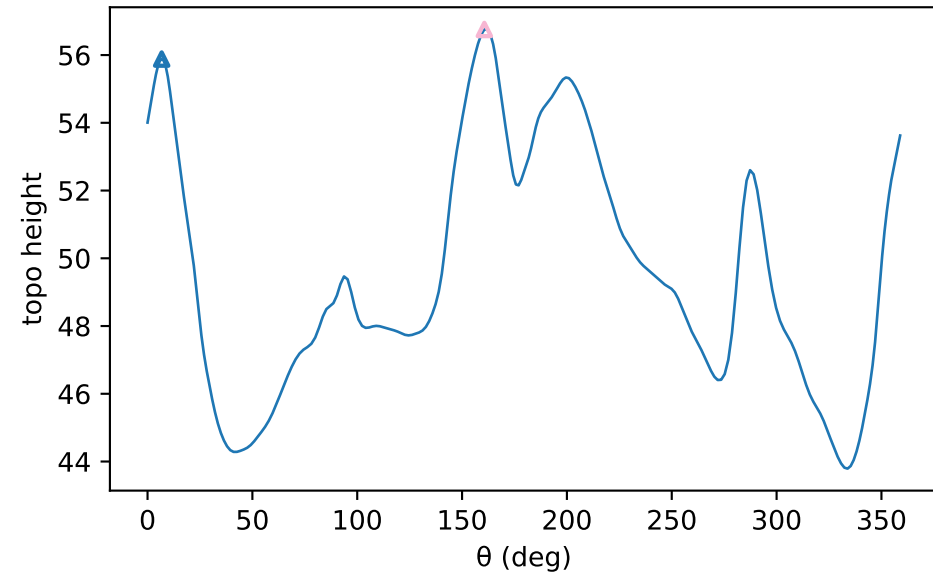
Topographical polar representation

Topographical  $\theta$ -height

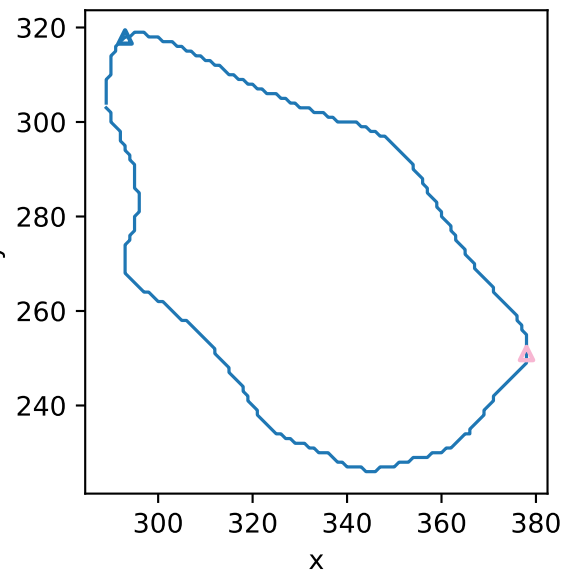
Outline



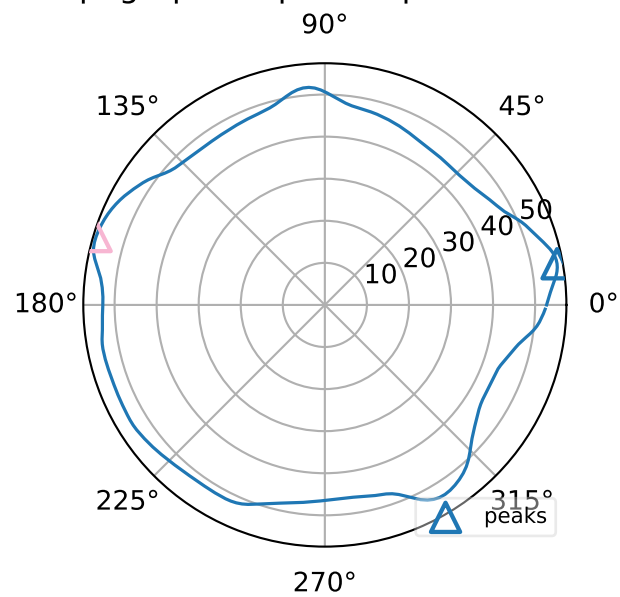
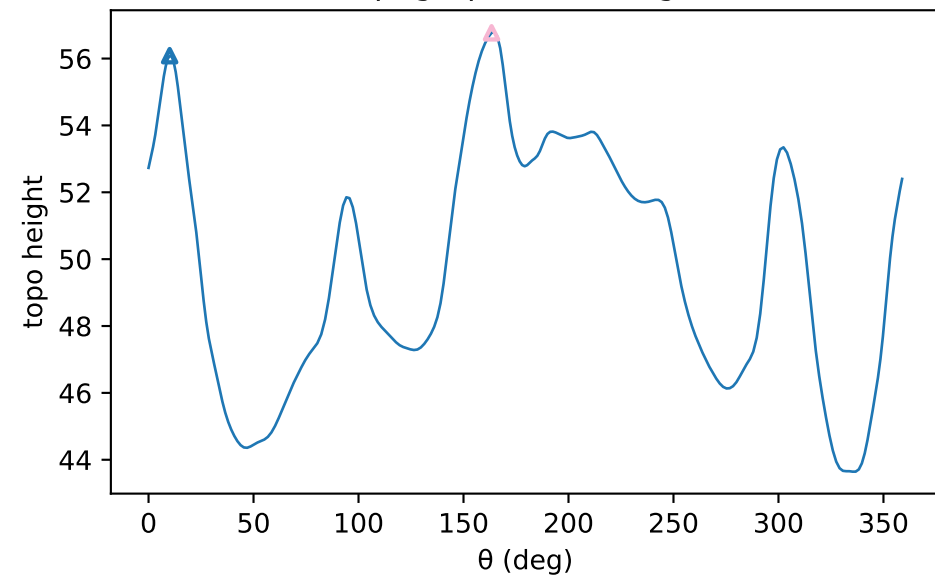
Topographical polar representation

Topographical  $\theta$ -height

Outline



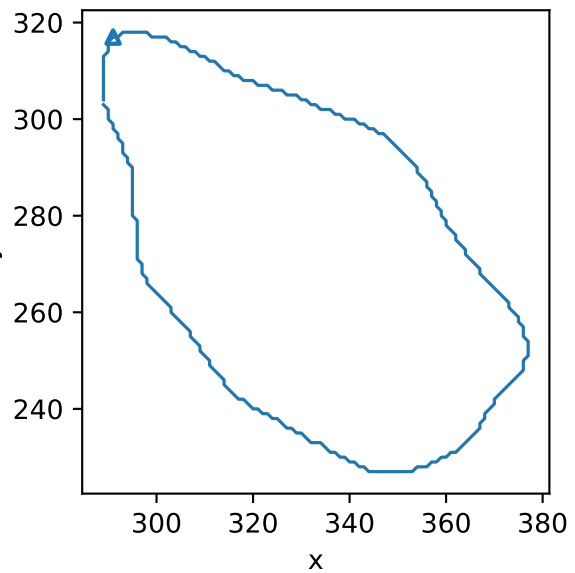
Topographical polar representation

Topographical  $\theta$ -height

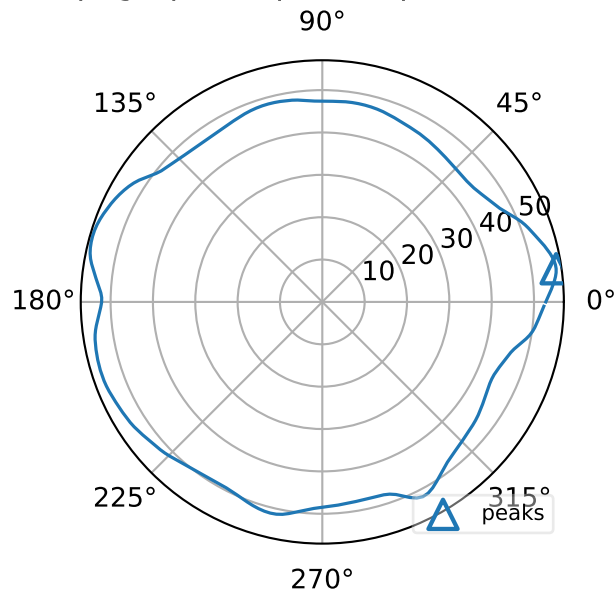


Frame 64 | t=64.000

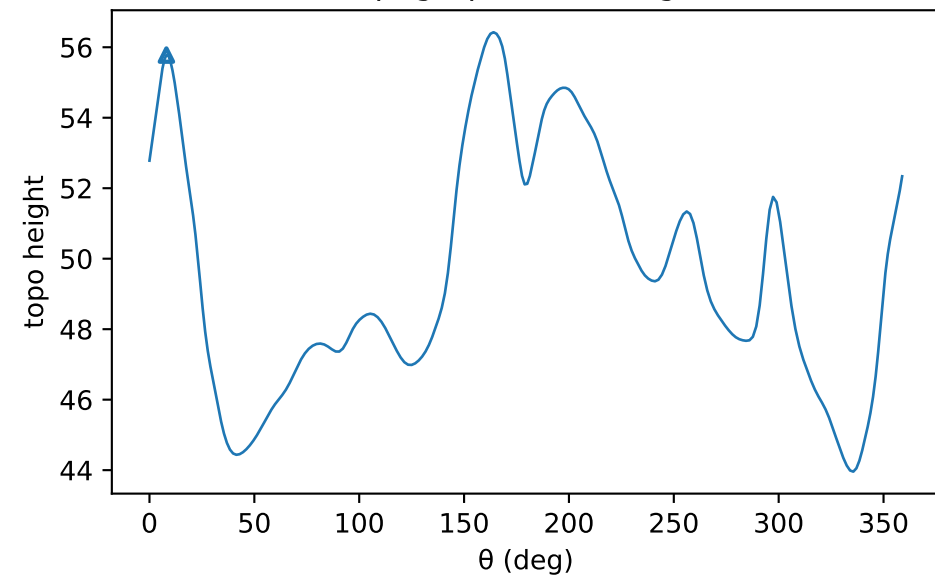
Outline



Topographical polar representation

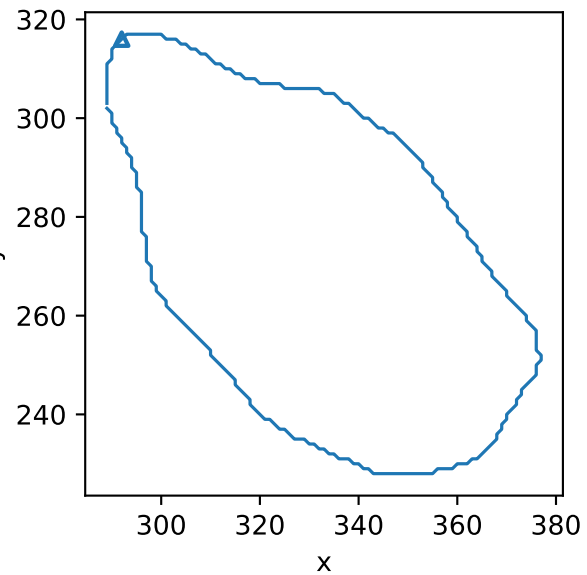


Topographical  $\theta$ -height

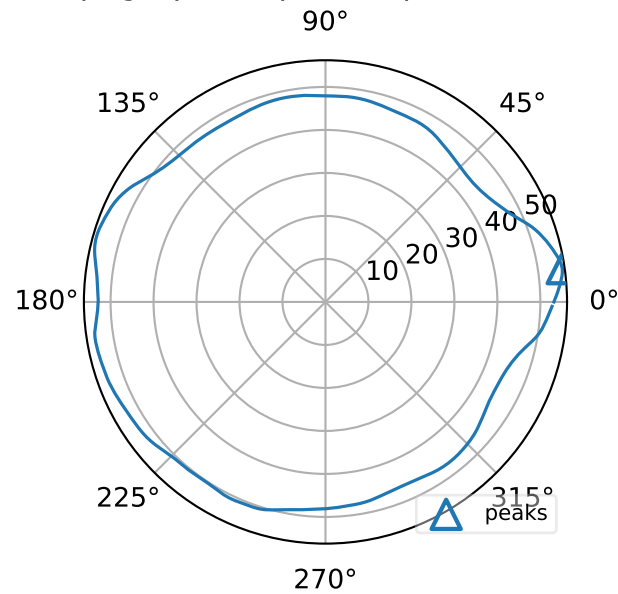


Frame 65 | t=65.000

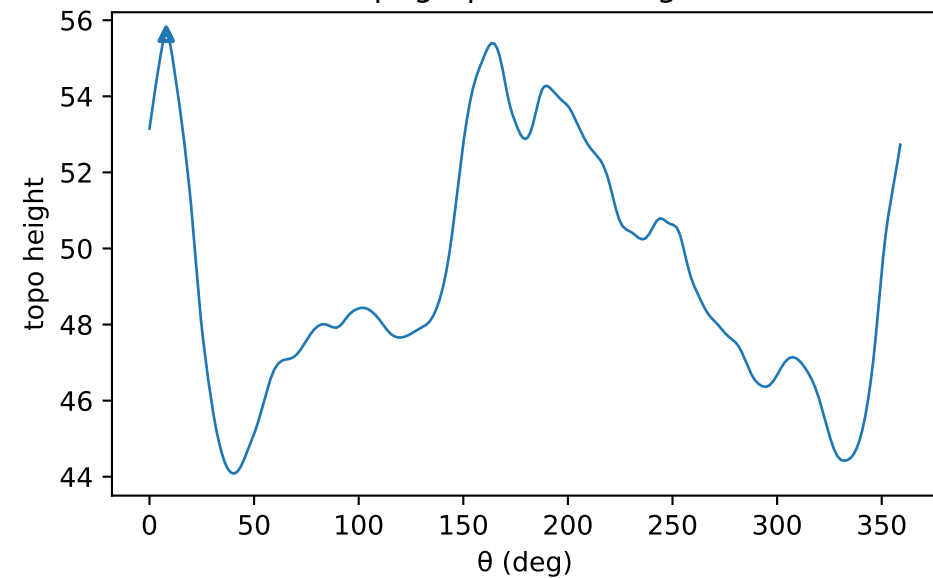
Outline



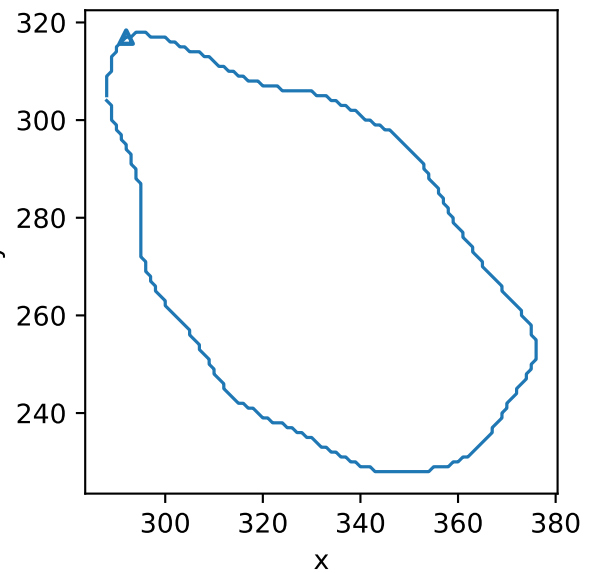
Topographical polar representation



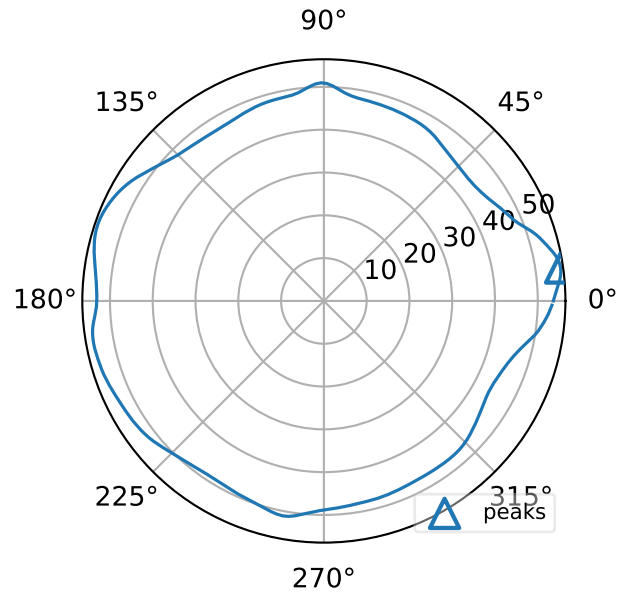
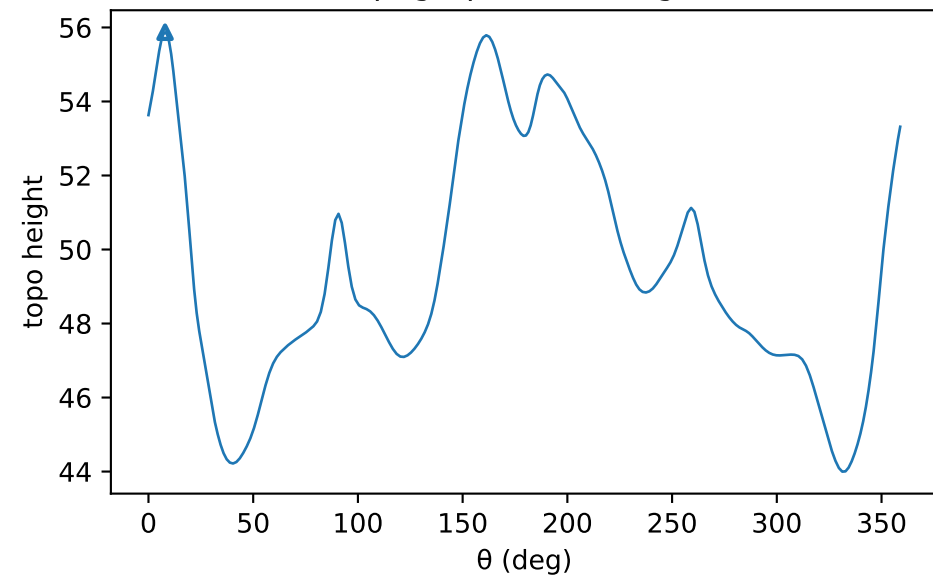
Topographical  $\theta$ -height



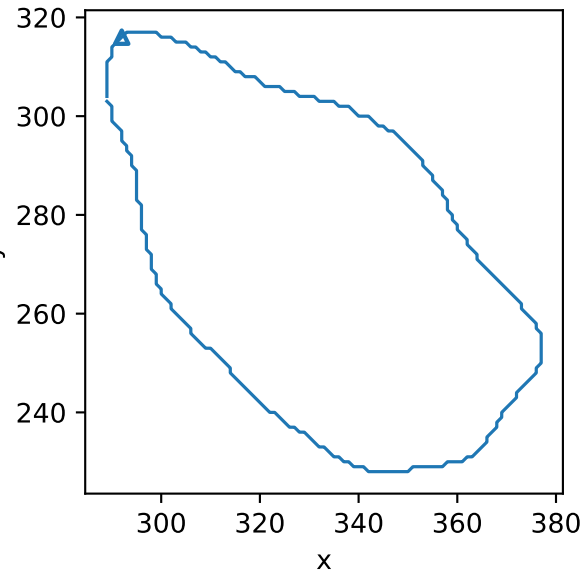
Outline



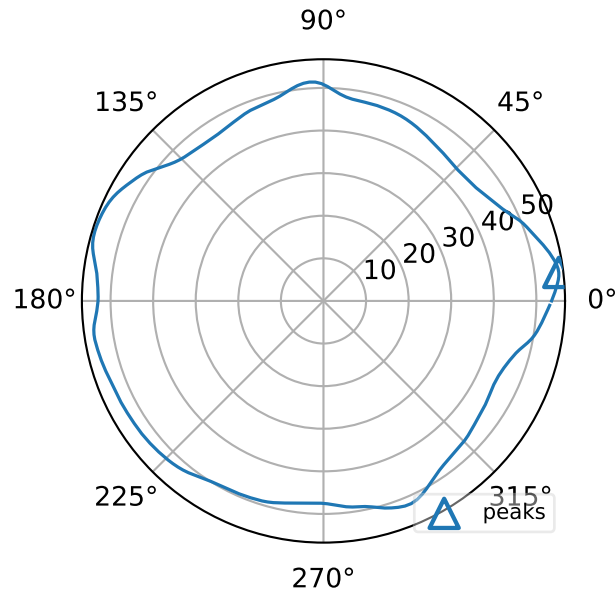
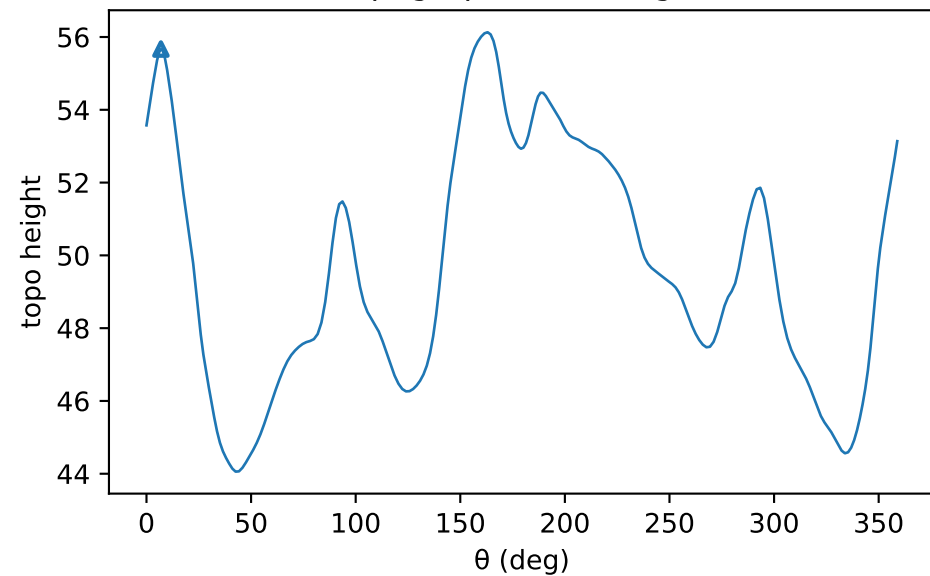
Topographical polar representation

Topographical  $\theta$ -height

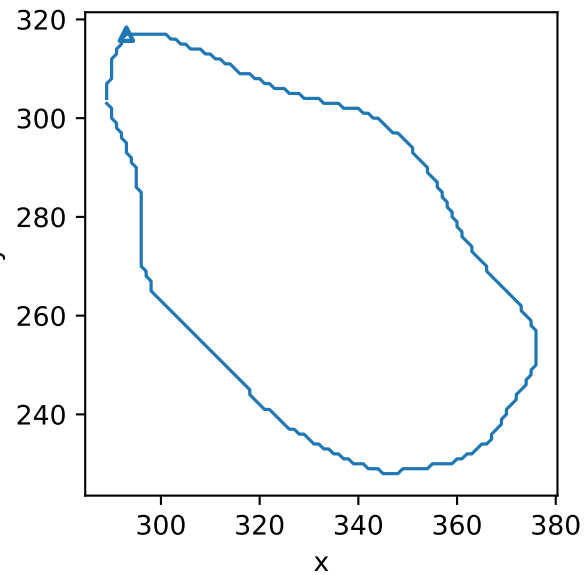
Outline



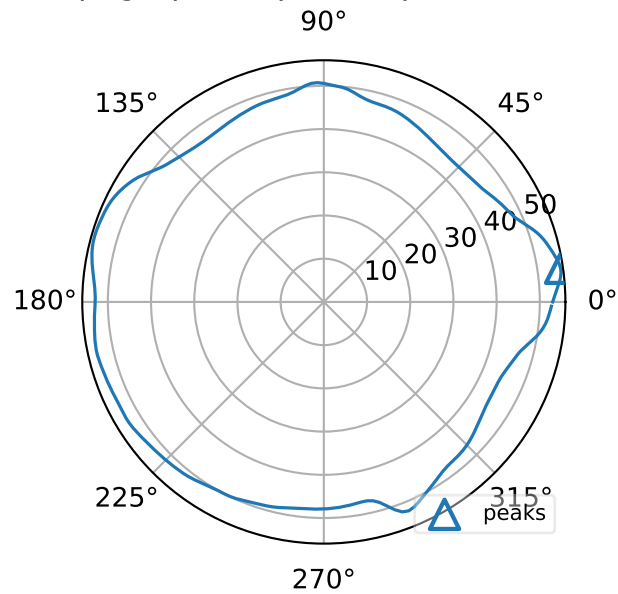
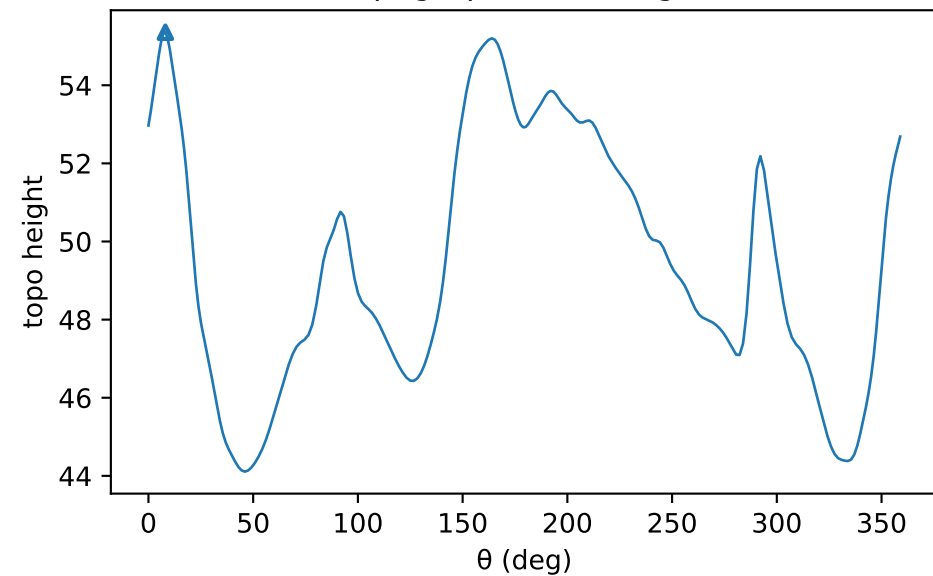
Topographical polar representation

Topographical  $\theta$ -height

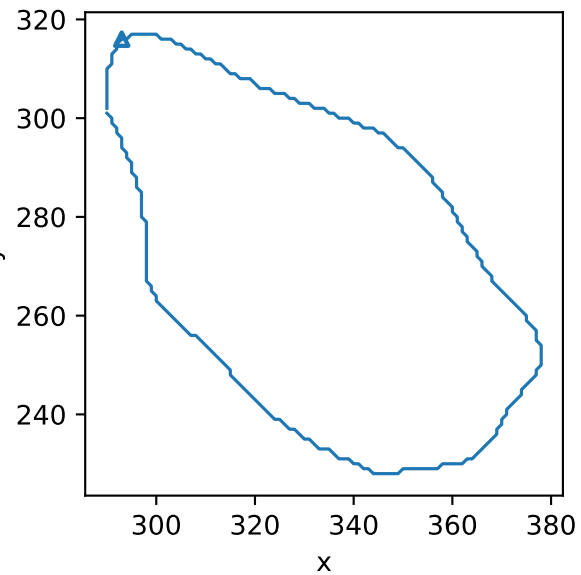
Outline



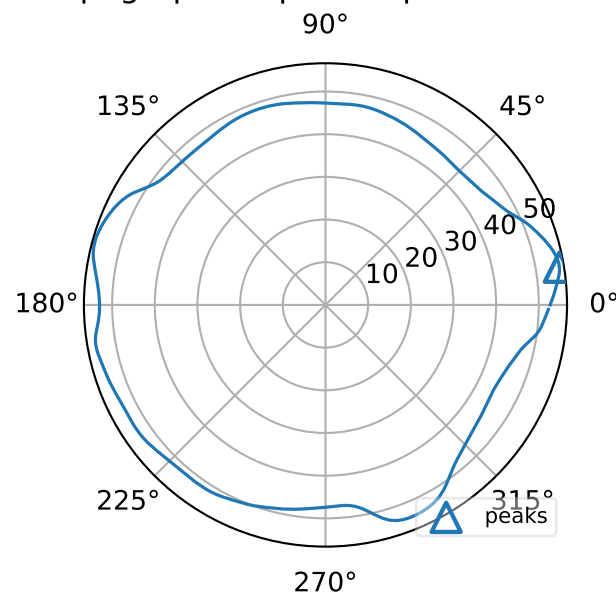
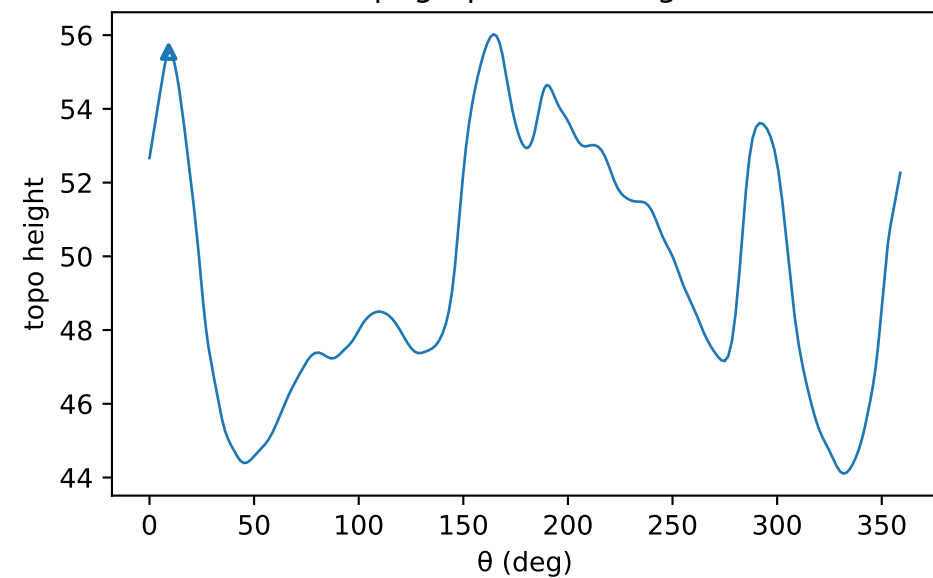
Topographical polar representation

Topographical  $\theta$ -height

Outline

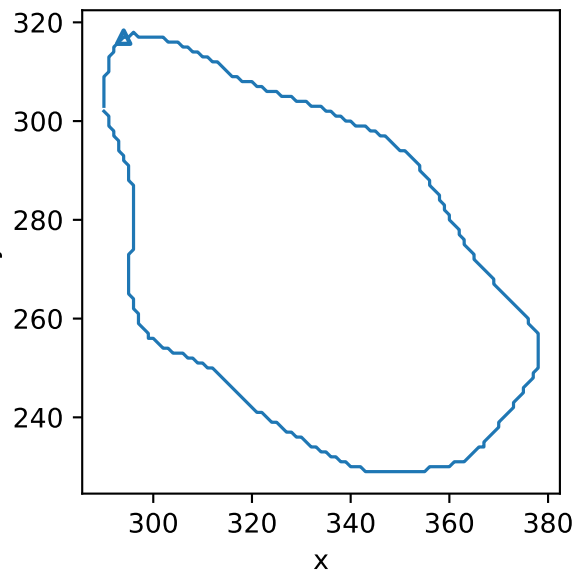


Topographical polar representation

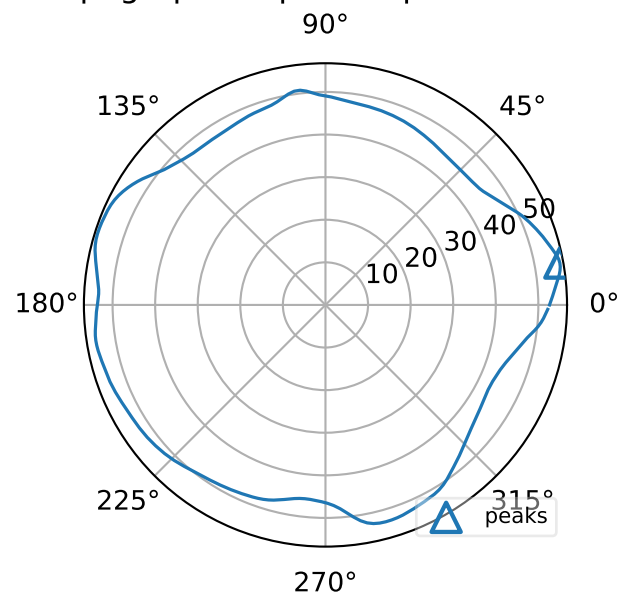
Topographical  $\theta$ -height

Frame 70 | t=70.000

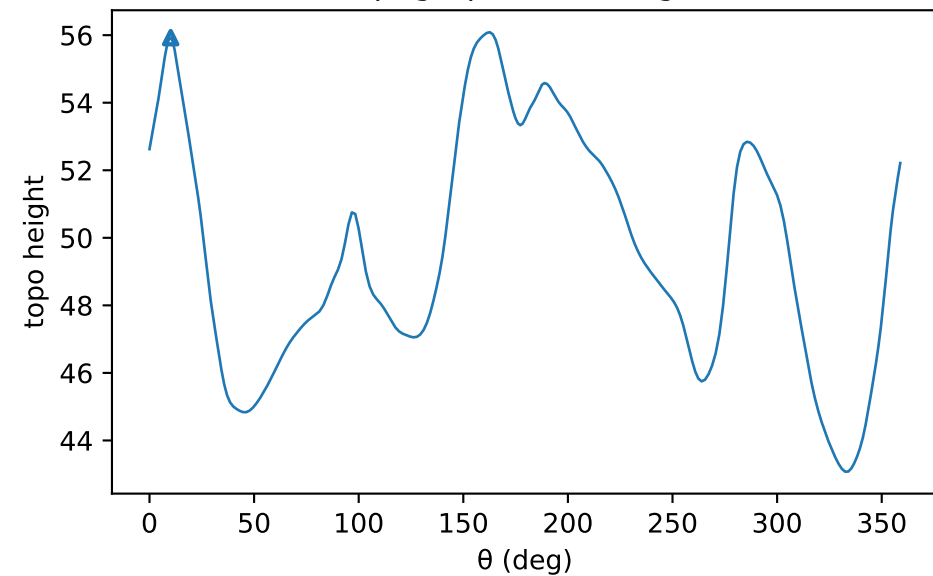
Outline



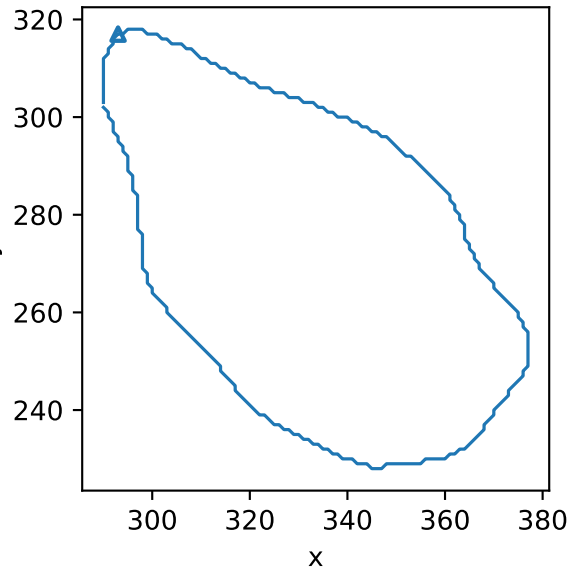
Topographical polar representation



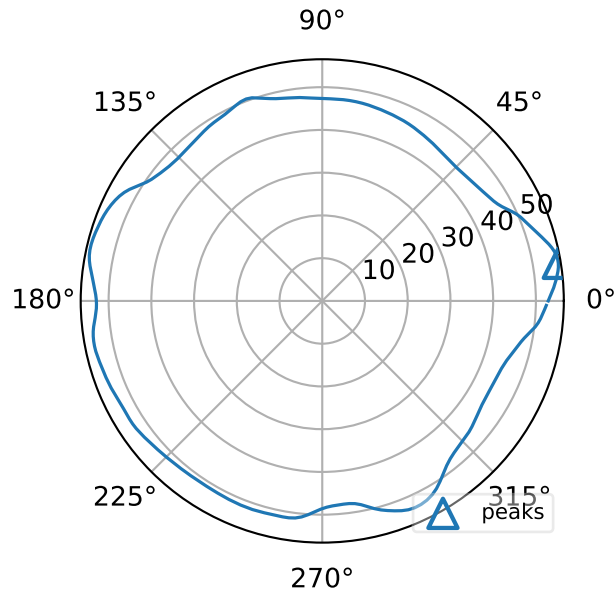
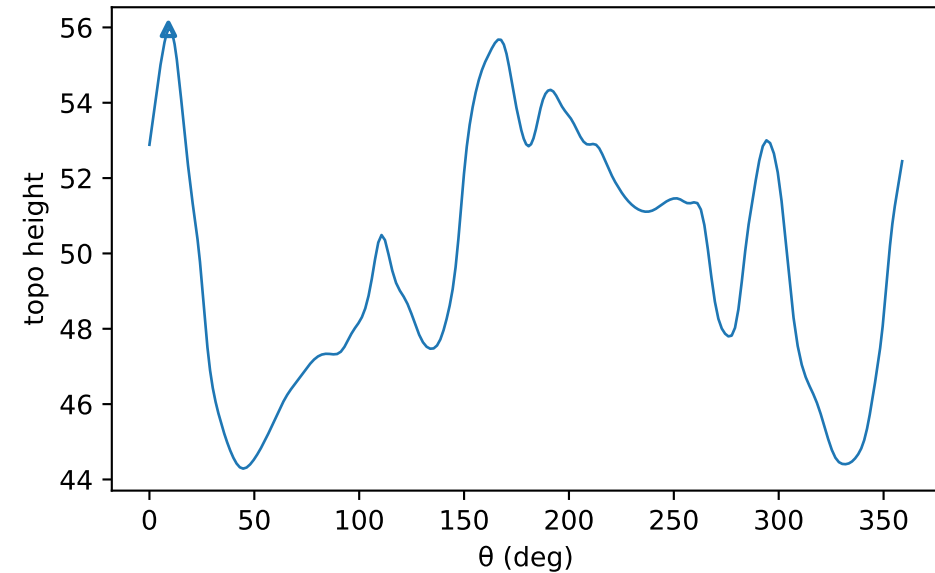
Topographical  $\theta$ -height



Outline

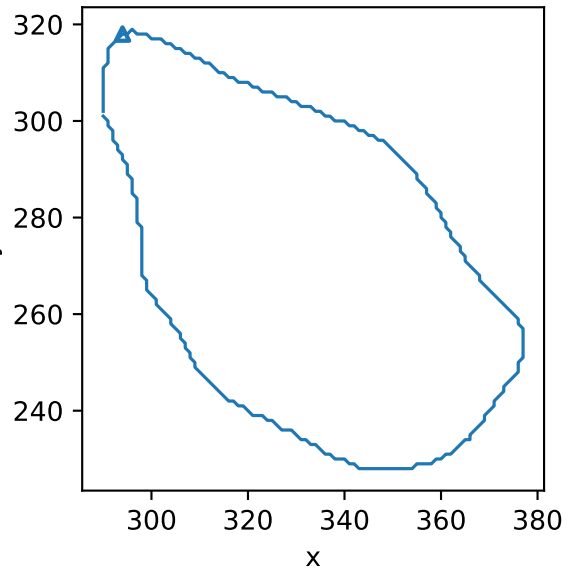


Topographical polar representation

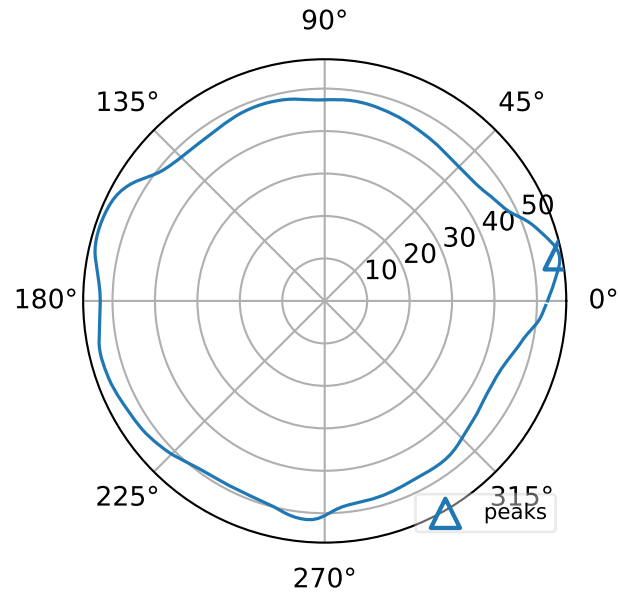
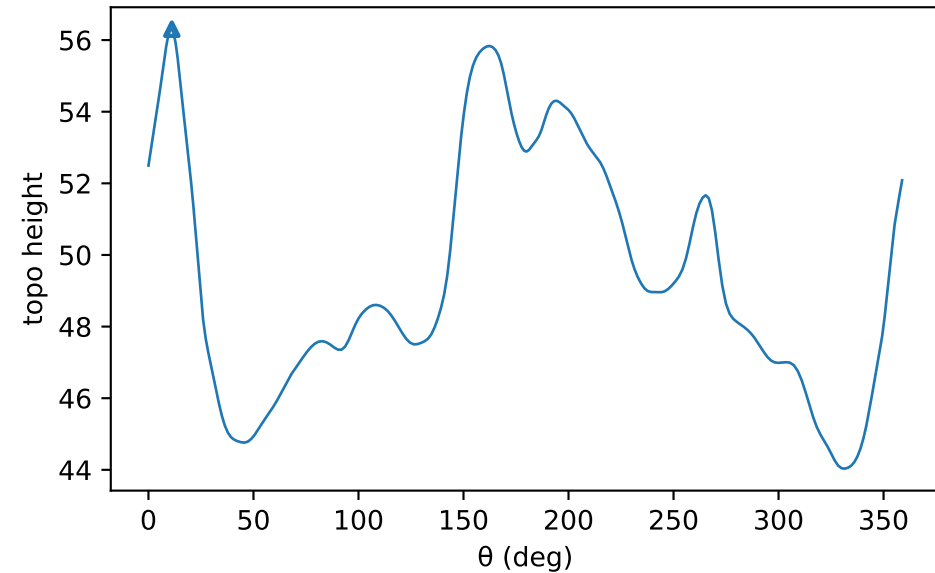
Topographical  $\theta$ -height



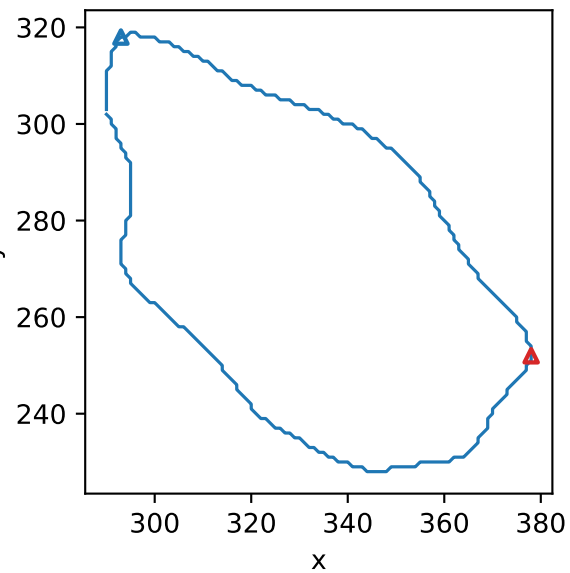
Outline



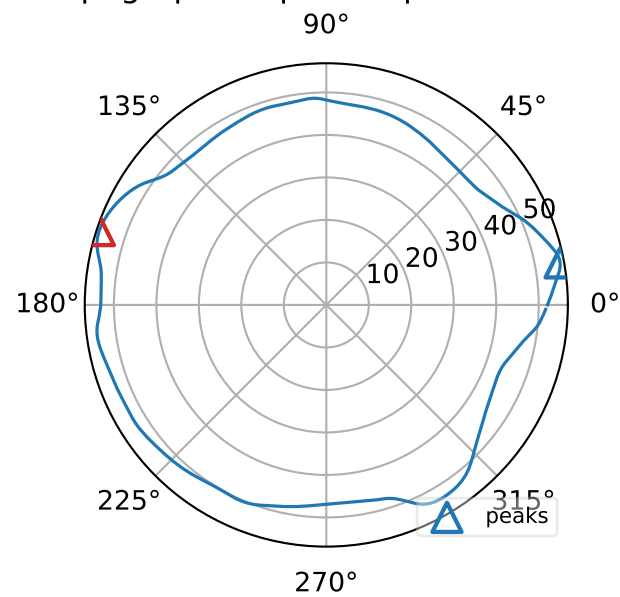
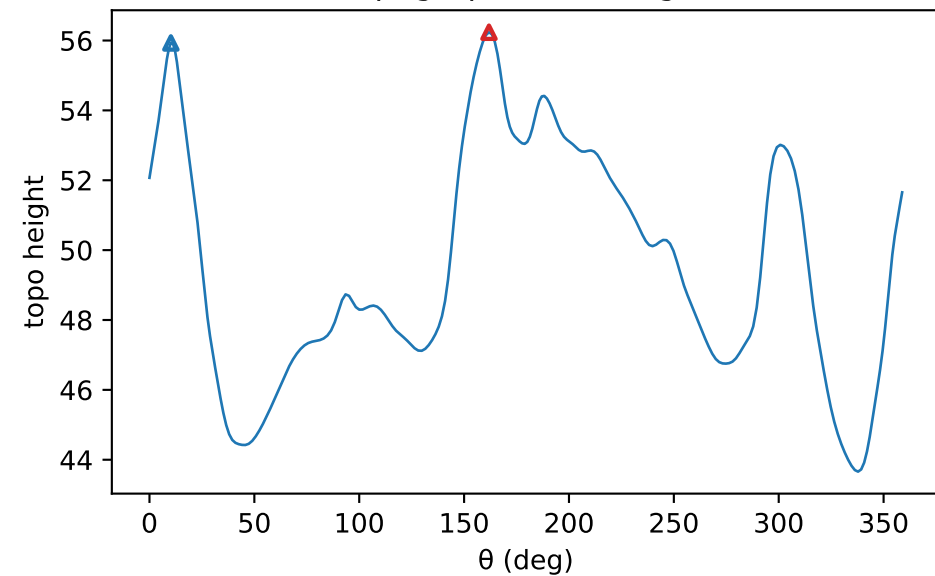
Topographical polar representation

Topographical  $\theta$ -height

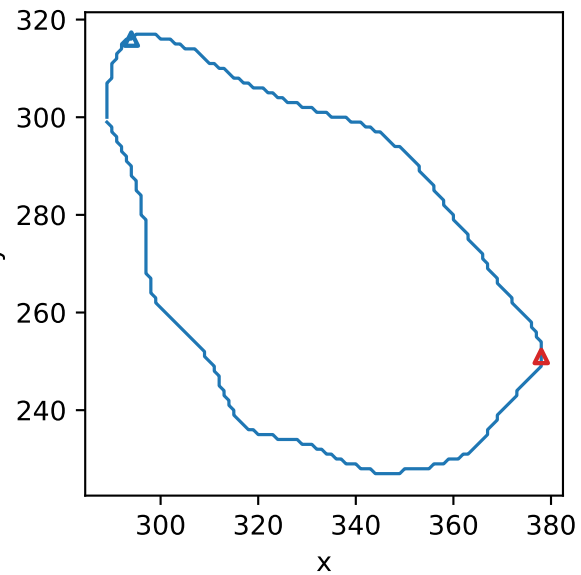
Outline



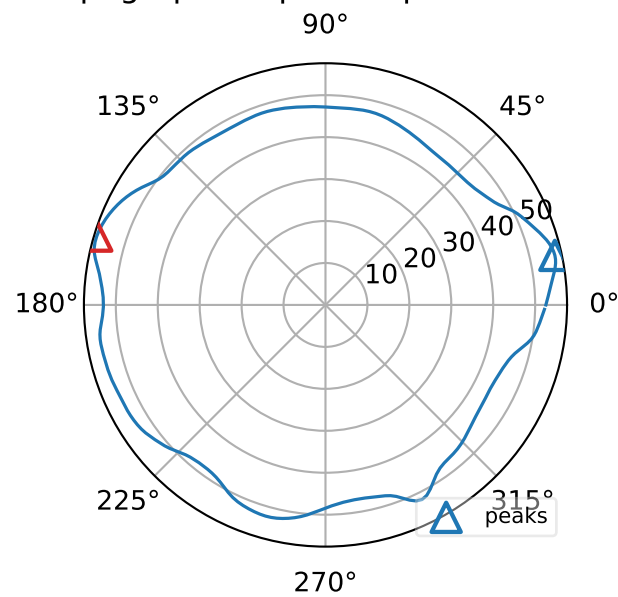
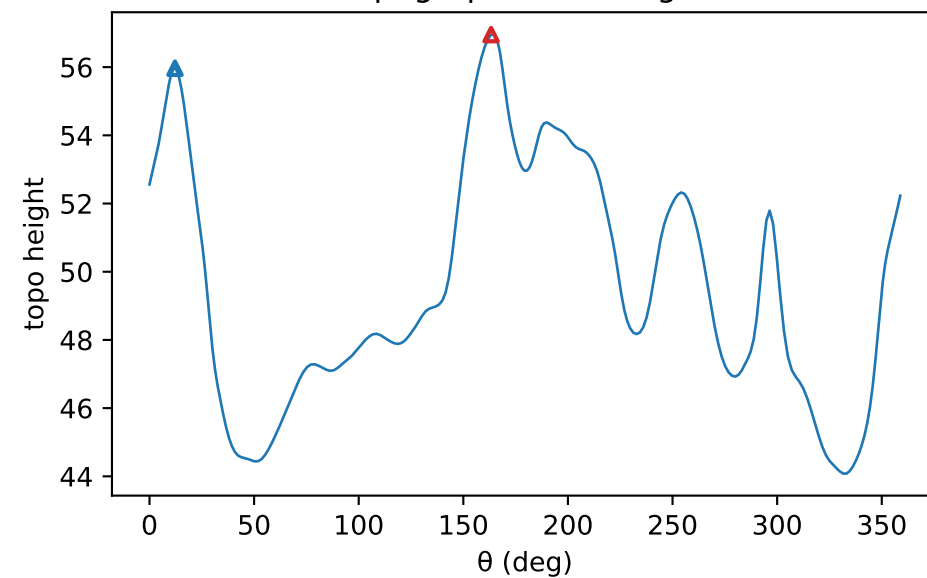
Topographical polar representation

Topographical  $\theta$ -height

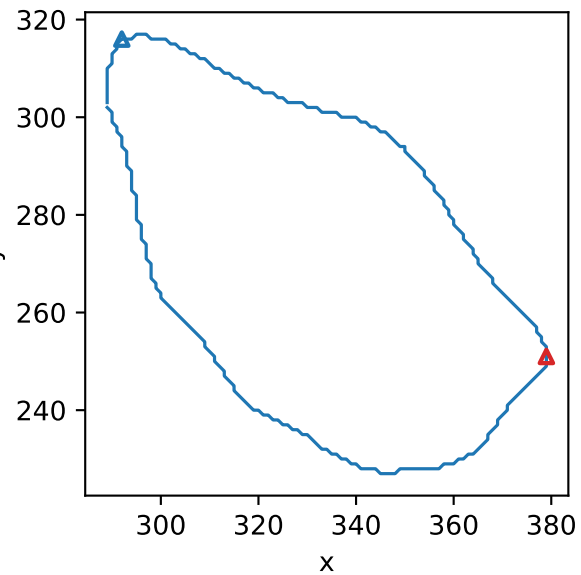
Outline



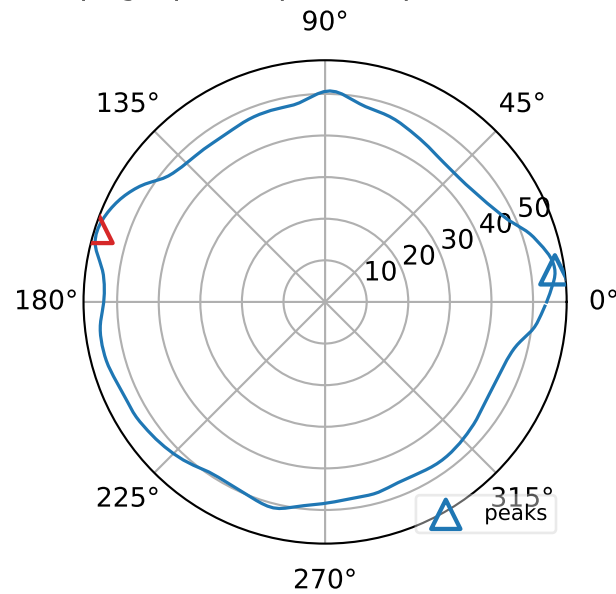
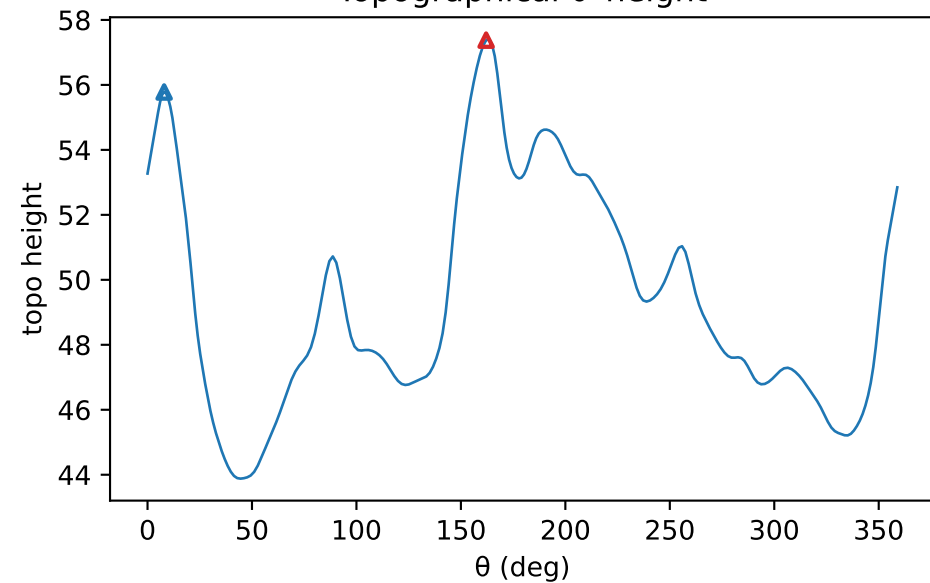
Topographical polar representation

Topographical  $\theta$ -height

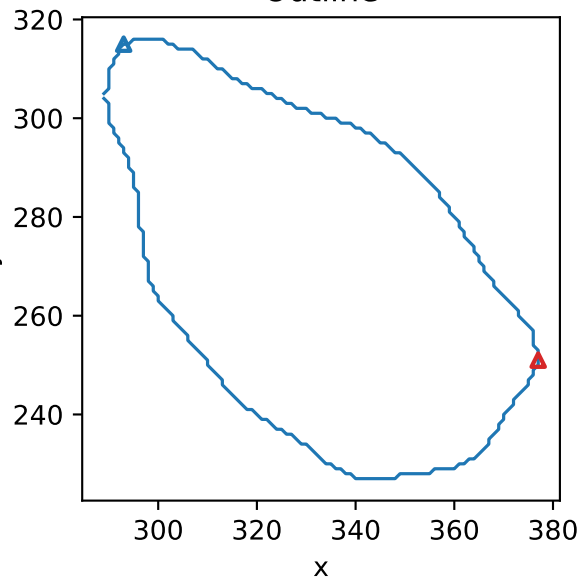
Outline



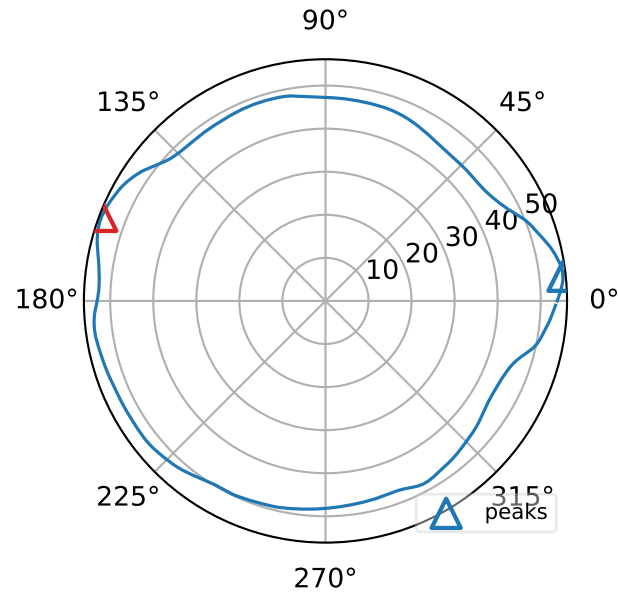
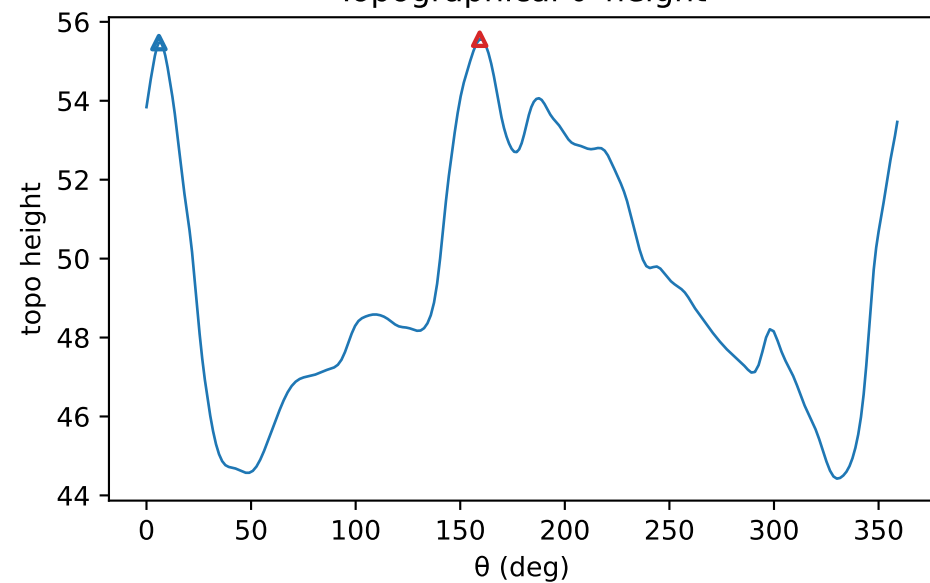
Topographical polar representation

Topographical  $\theta$ -height

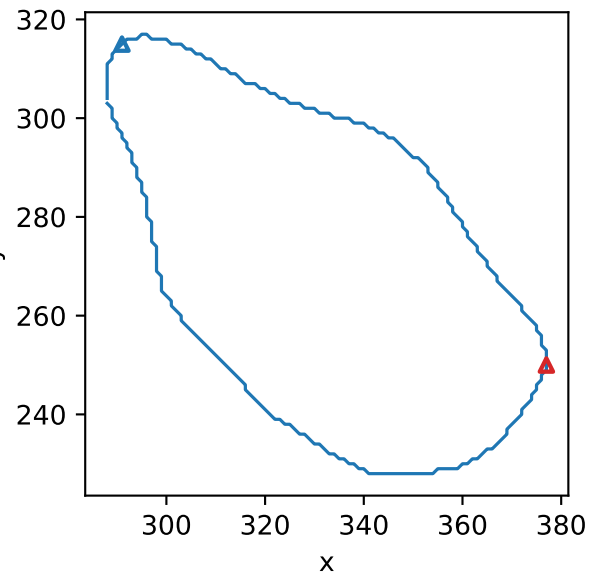
Outline



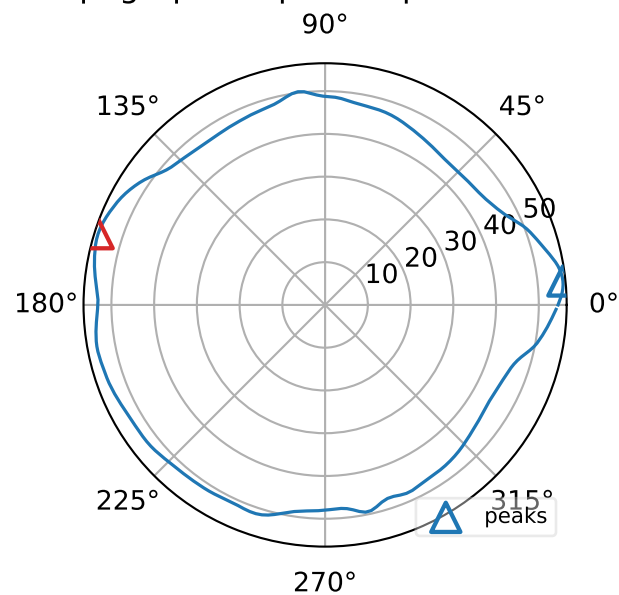
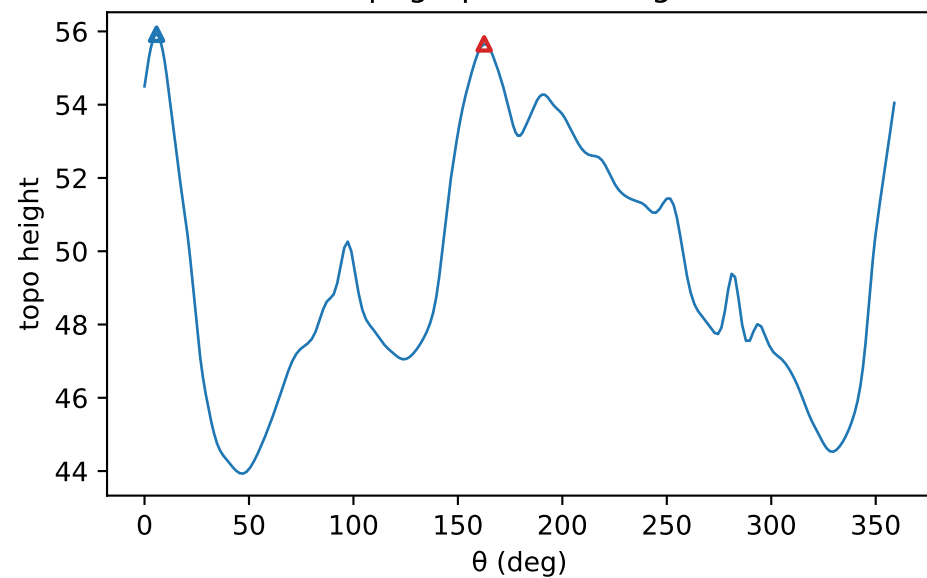
Topographical polar representation

Topographical  $\theta$ -height

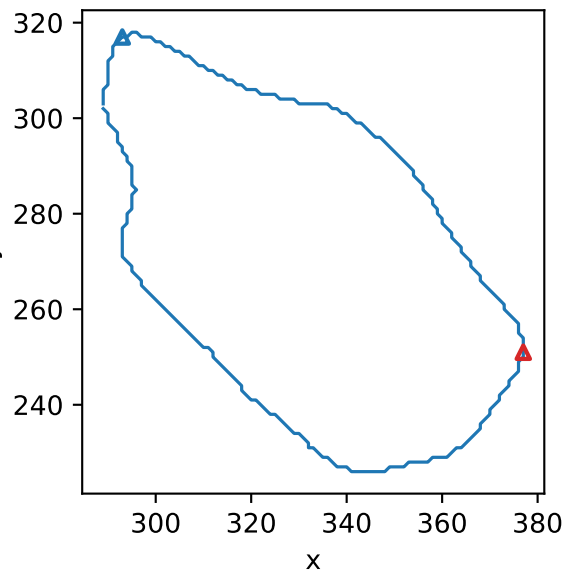
Outline



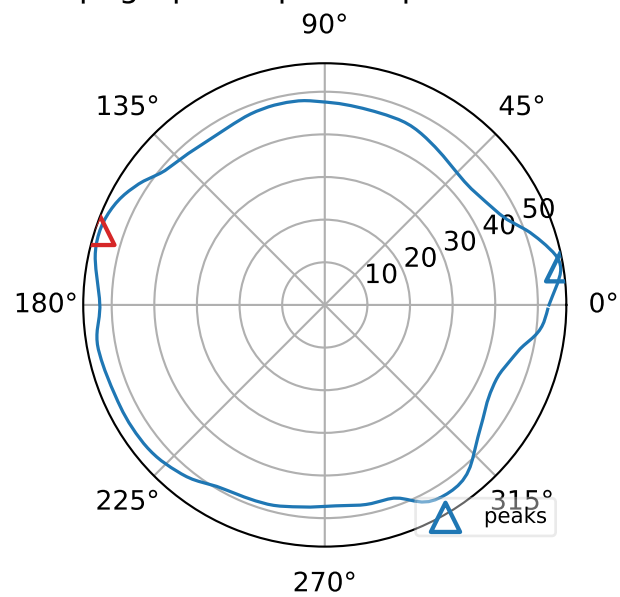
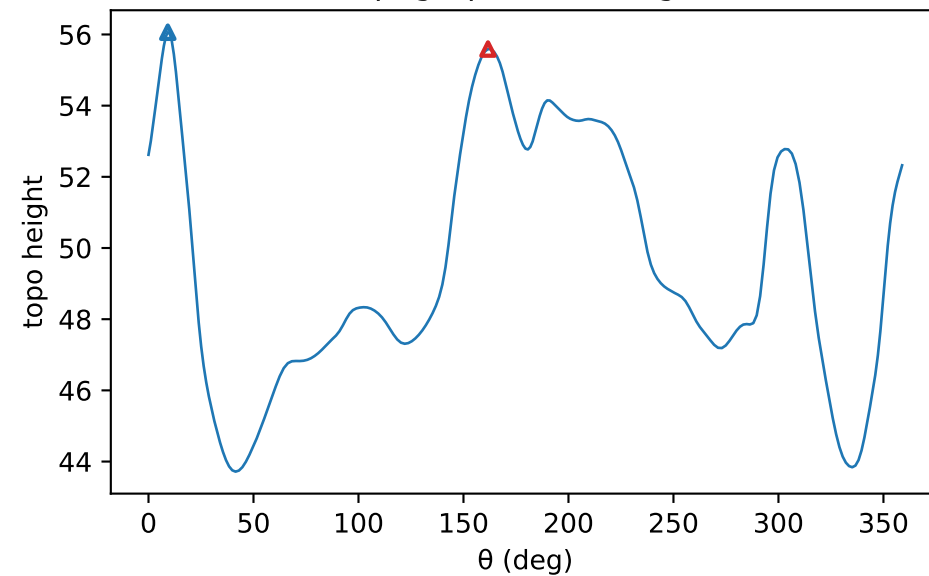
Topographical polar representation

Topographical  $\theta$ -height

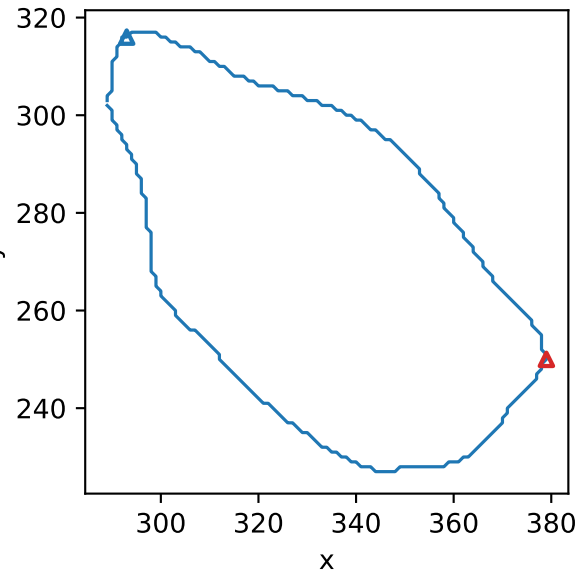
Outline



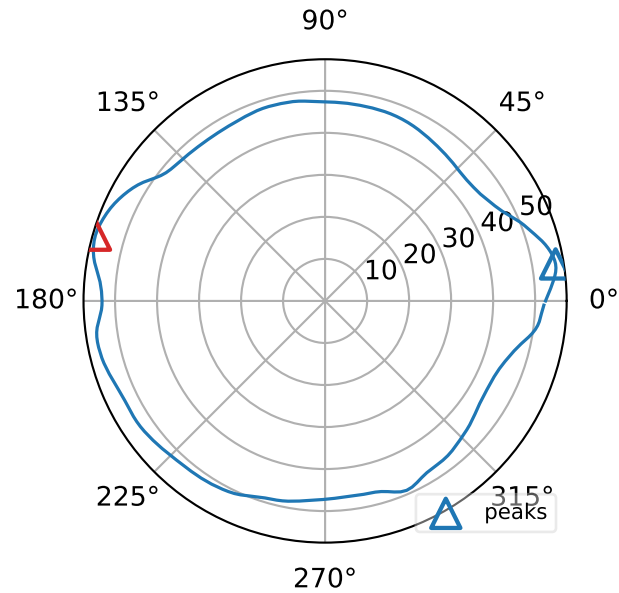
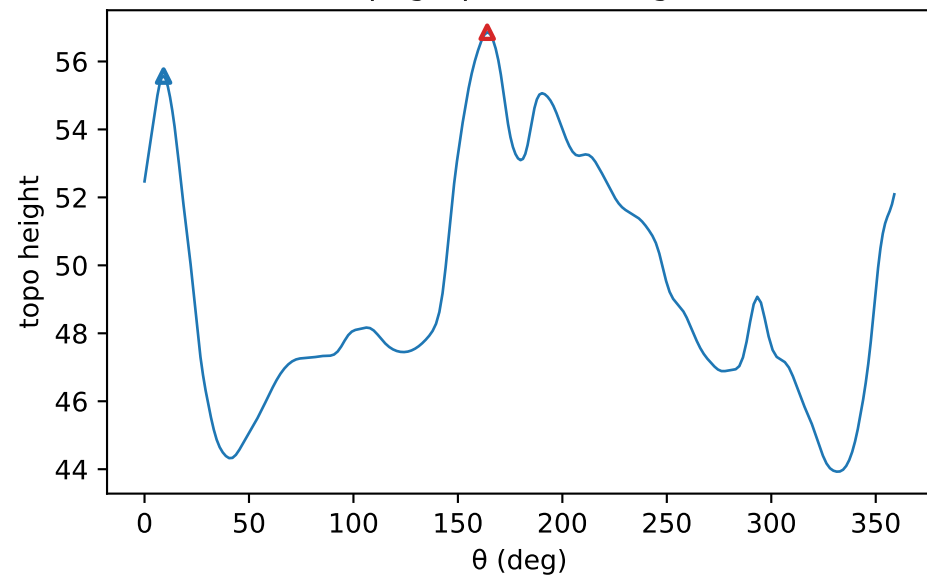
Topographical polar representation

Topographical  $\theta$ -height

Outline



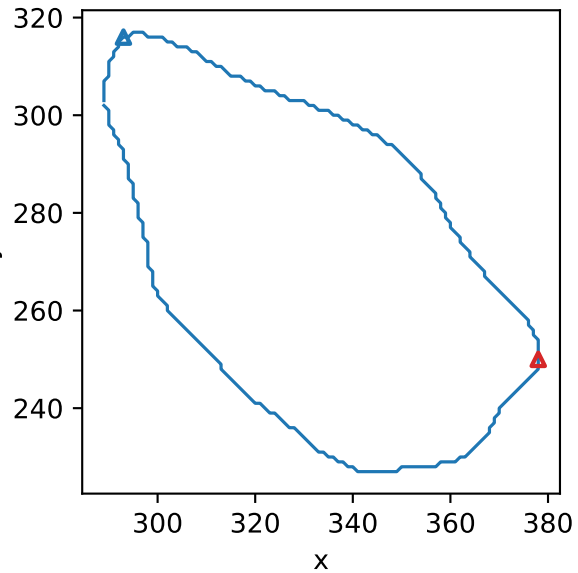
Topographical polar representation

Topographical  $\theta$ -height

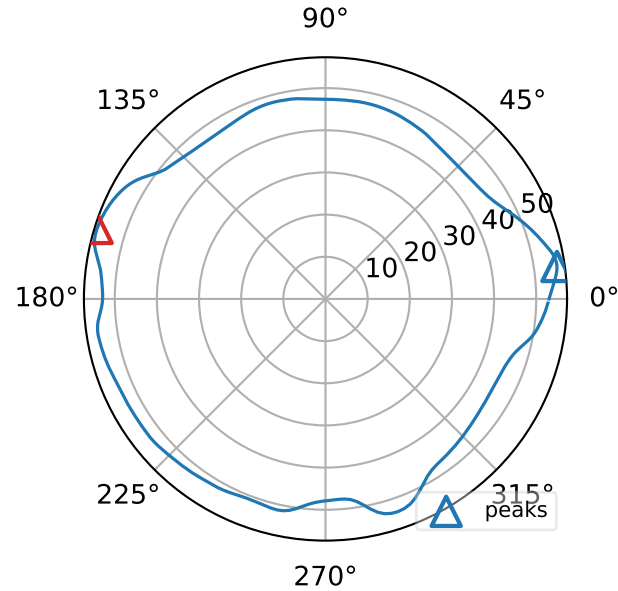


Frame 80 | t=80.000

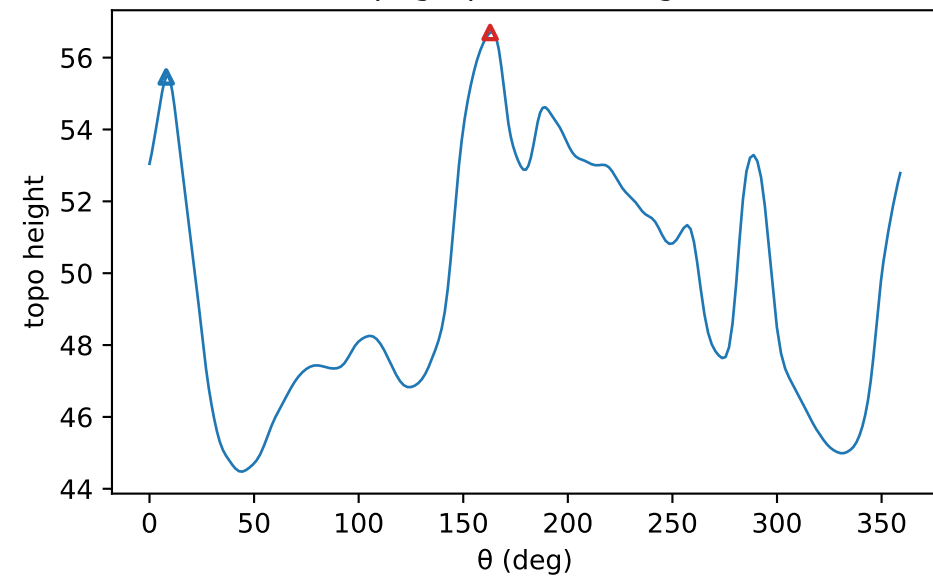
Outline



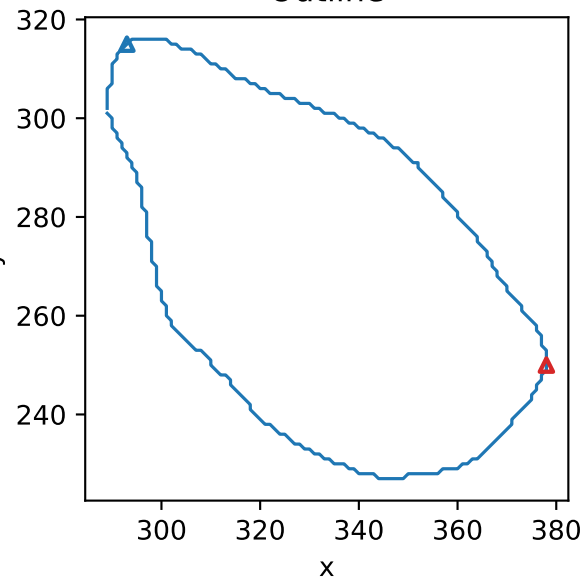
Topographical polar representation



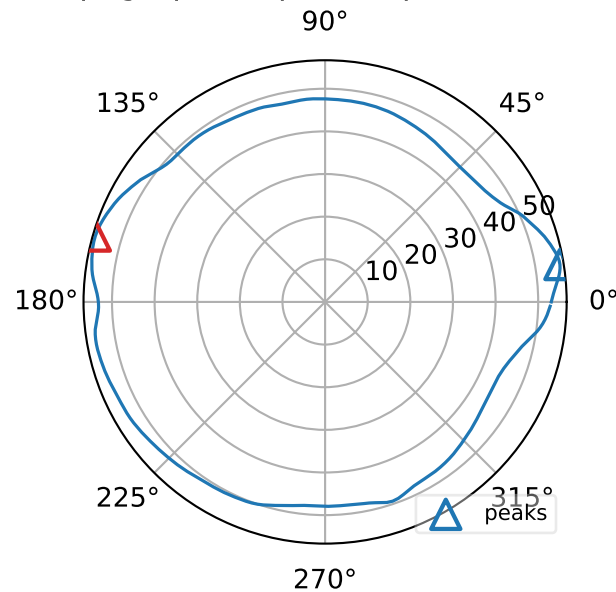
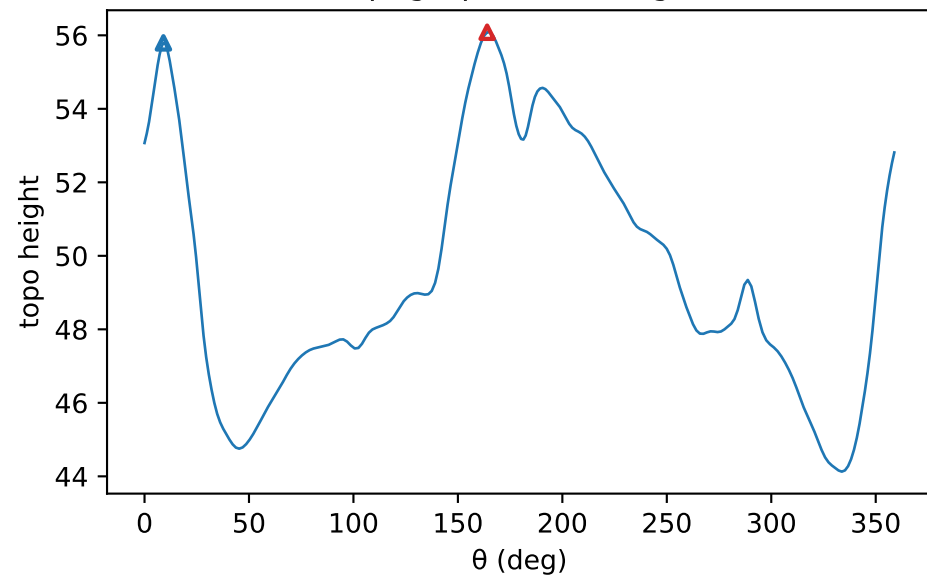
Topographical  $\theta$ -height



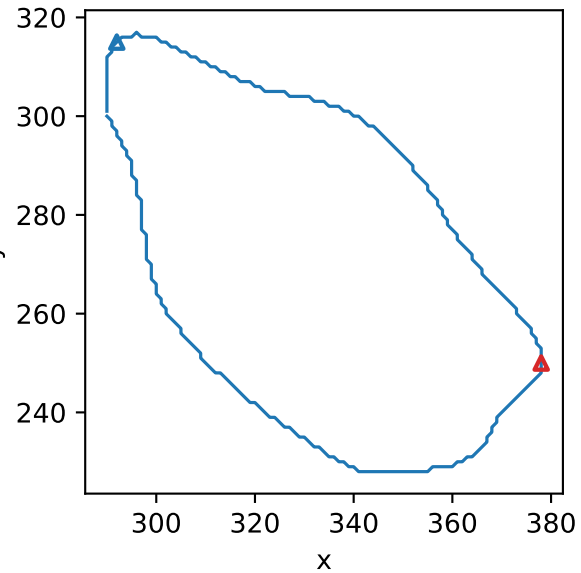
Outline



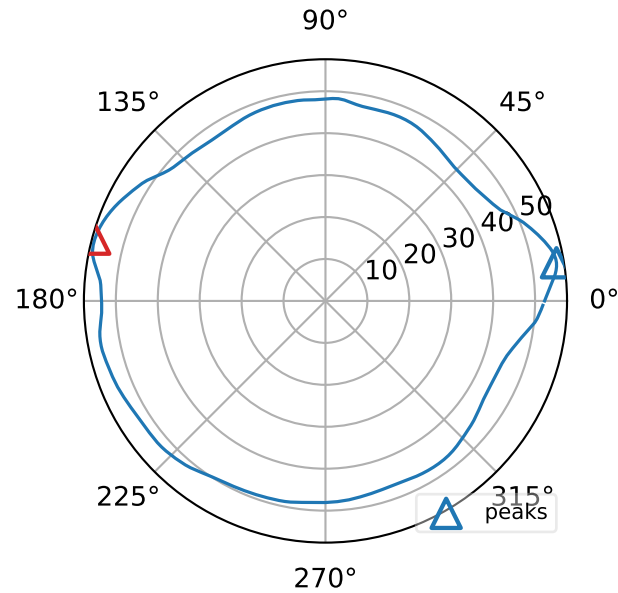
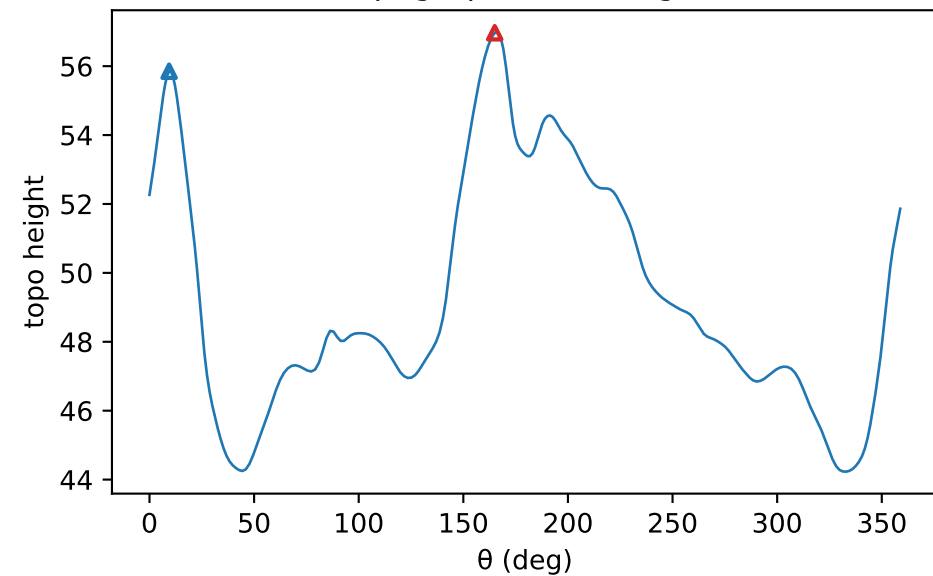
Topographical polar representation

Topographical  $\theta$ -height

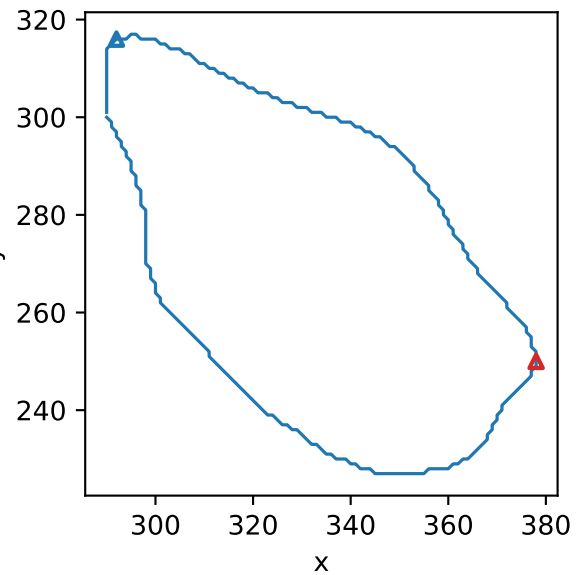
Outline



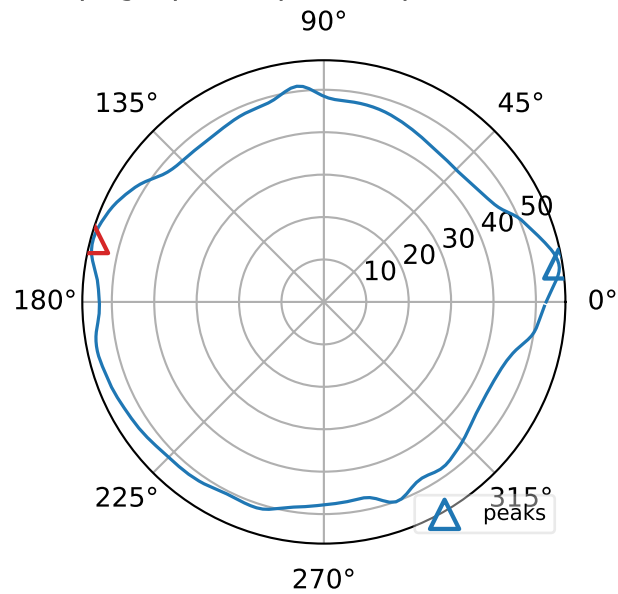
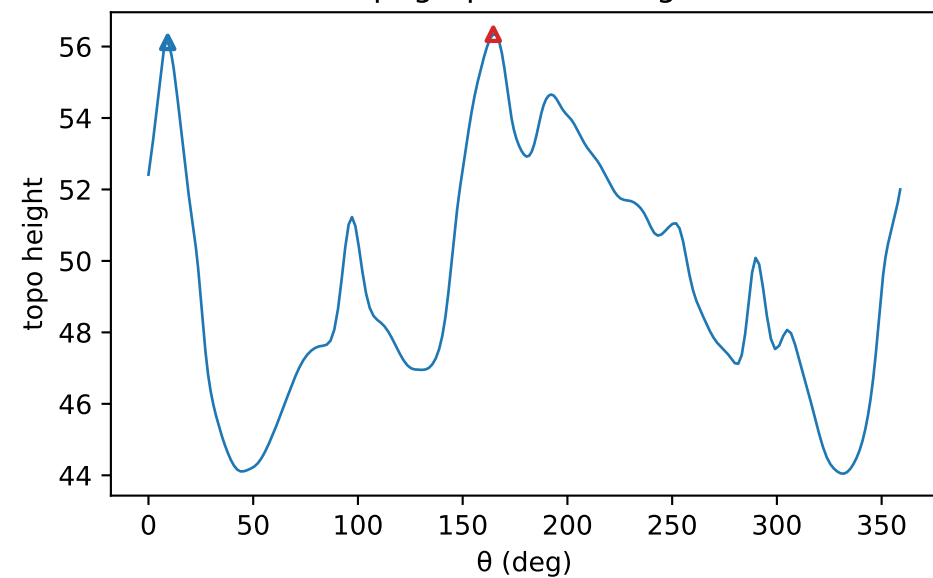
Topographical polar representation

Topographical  $\theta$ -height

Outline

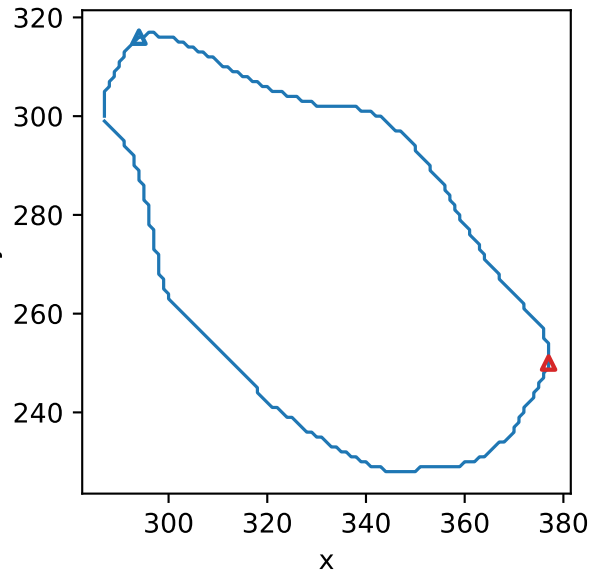


Topographical polar representation

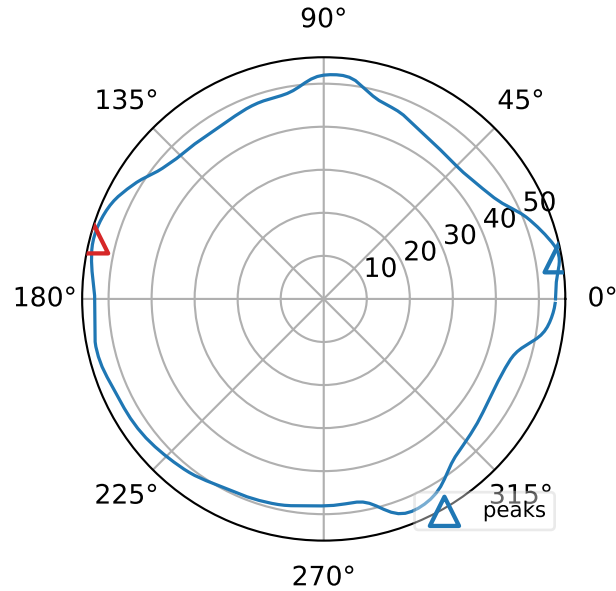
Topographical  $\theta$ -height

Frame 84 | t=84.000

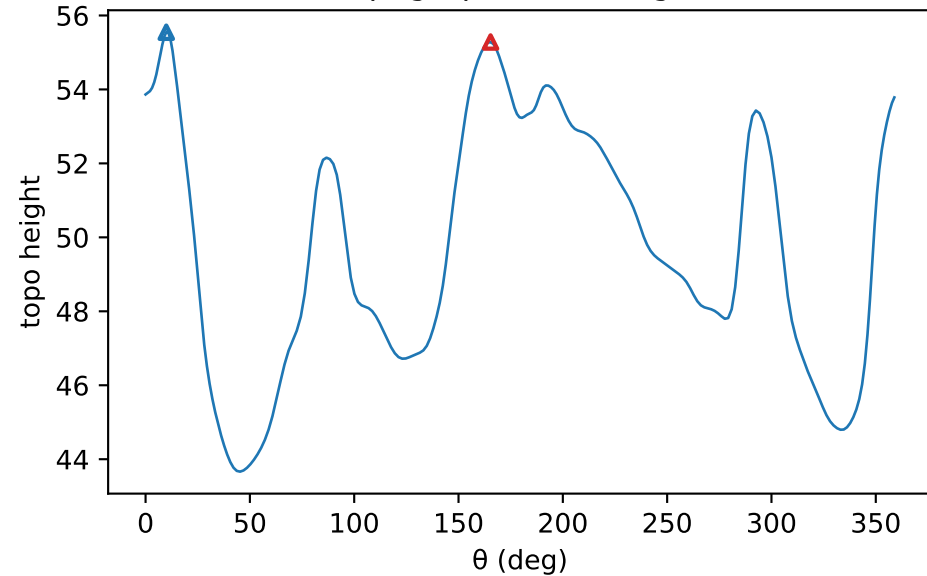
Outline



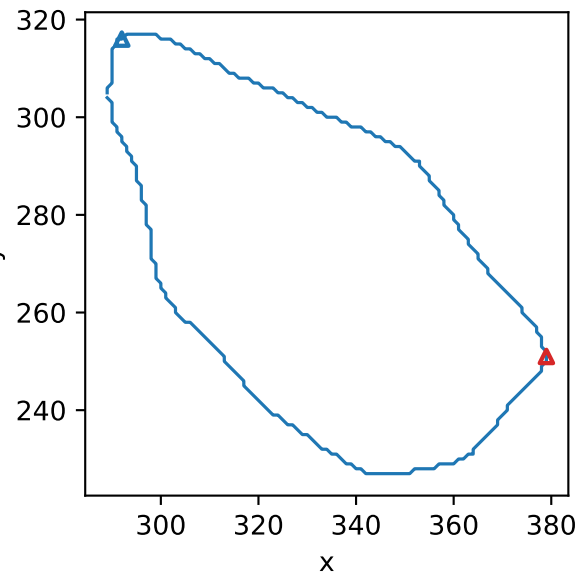
Topographical polar representation



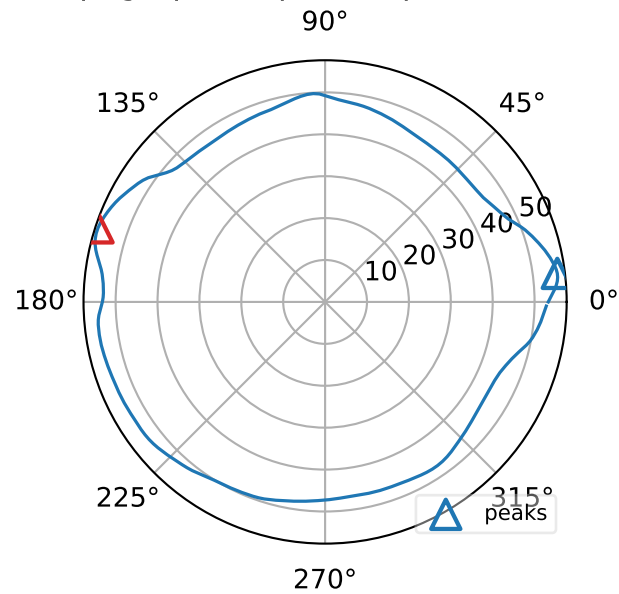
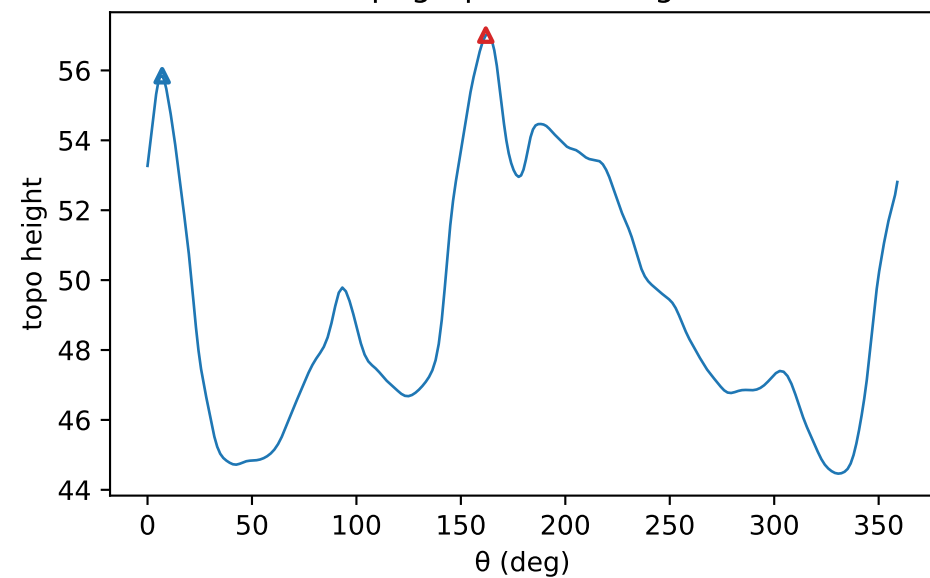
Topographical  $\theta$ -height



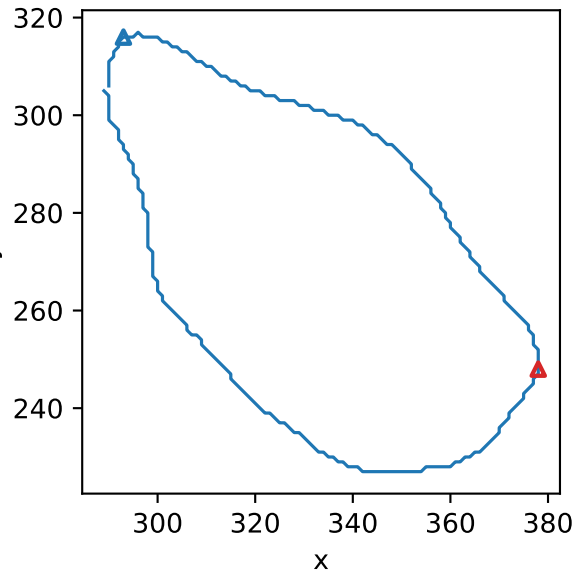
Outline



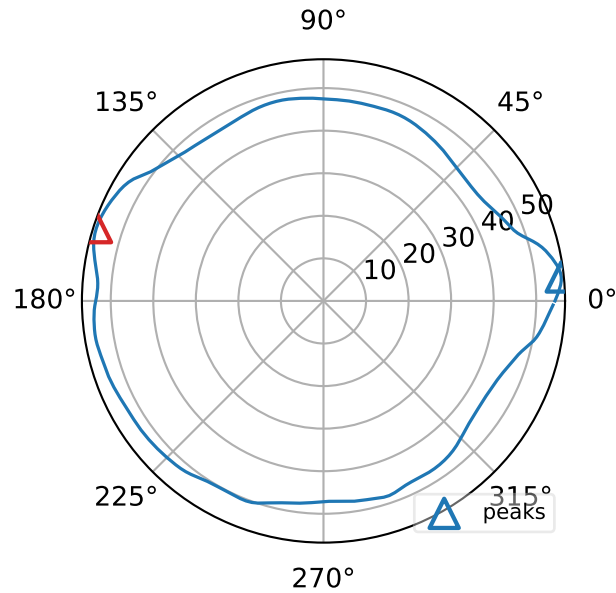
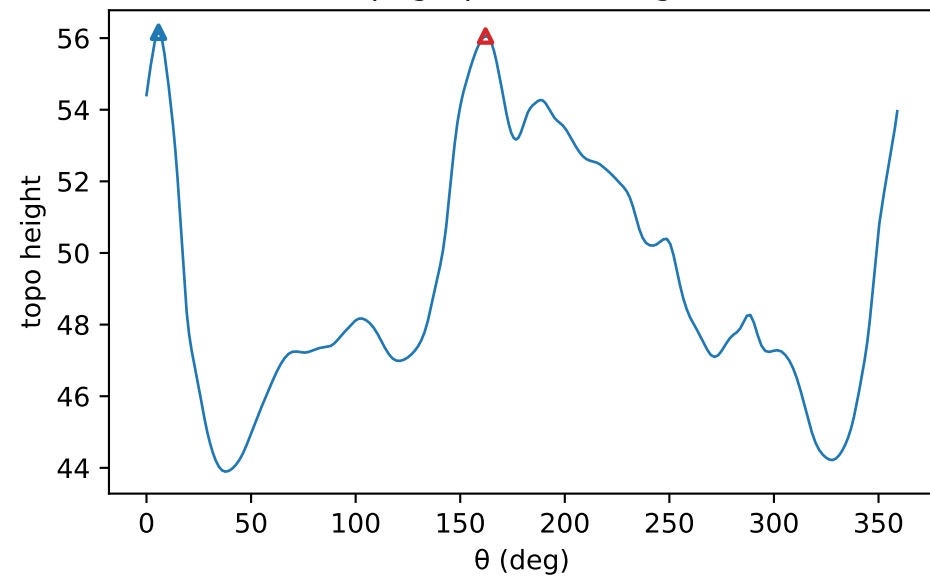
Topographical polar representation

Topographical  $\theta$ -height

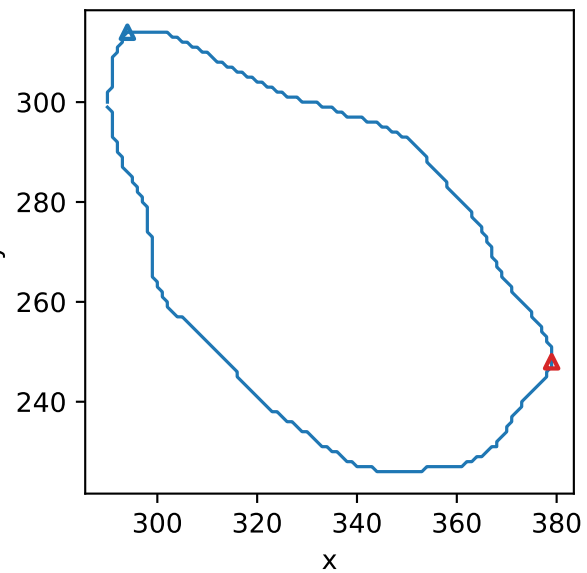
Outline



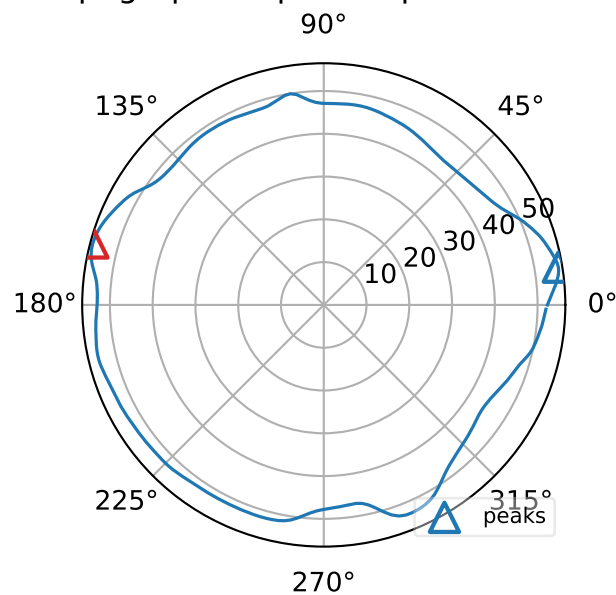
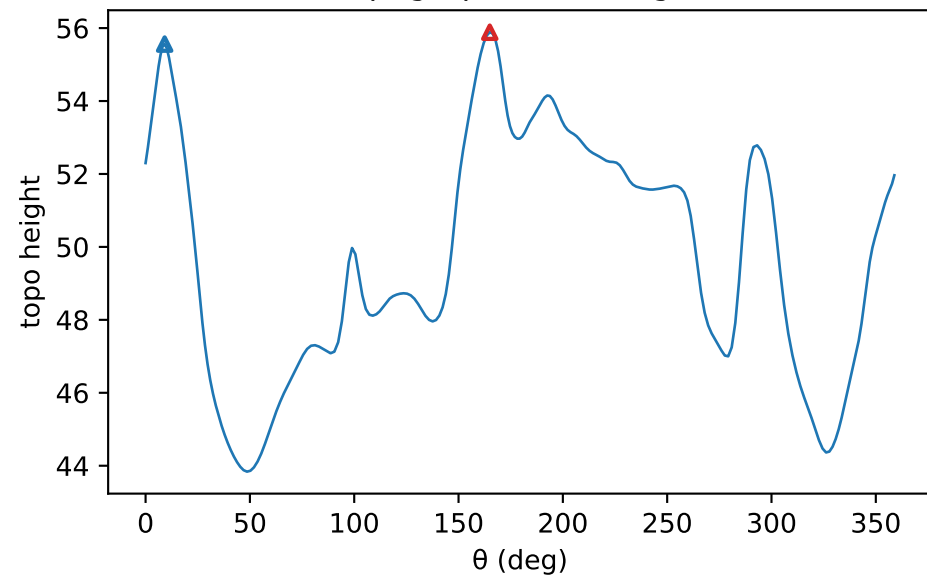
Topographical polar representation

Topographical  $\theta$ -height

Outline

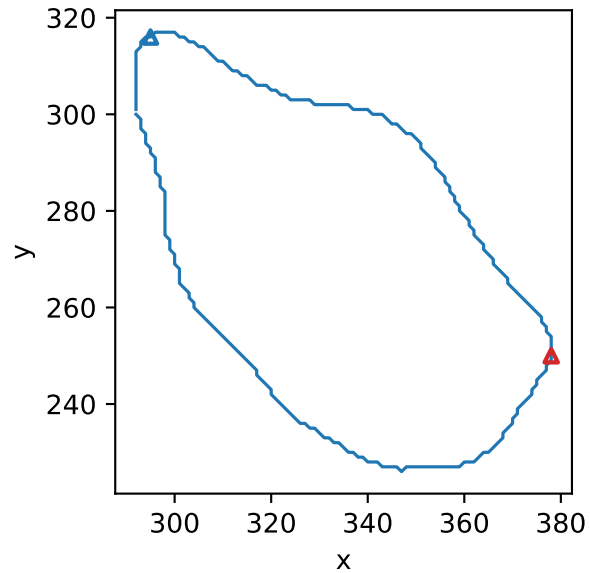


Topographical polar representation

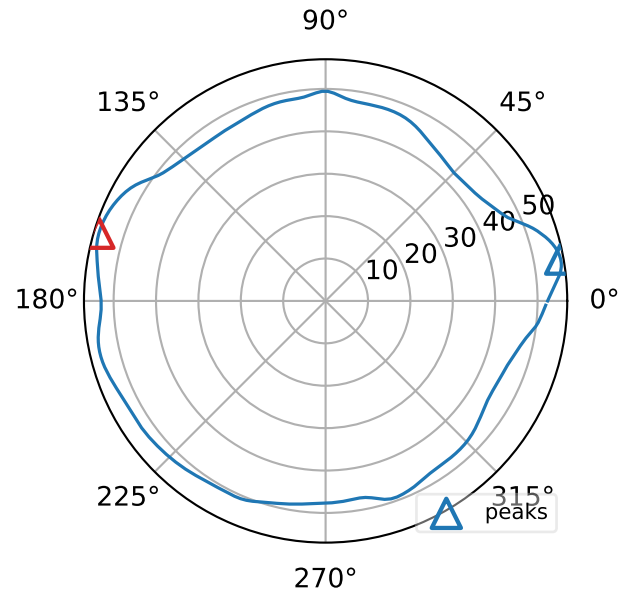
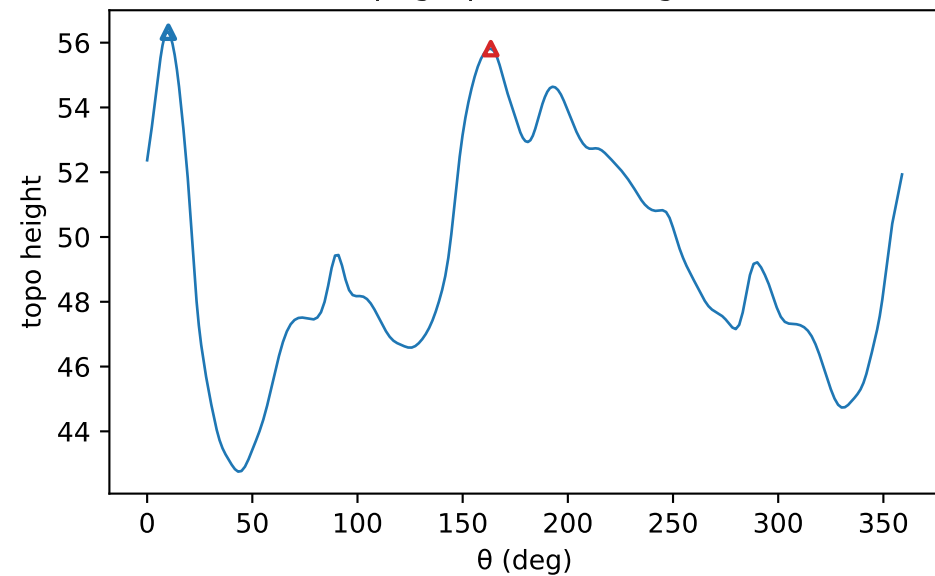
Topographical  $\theta$ -height



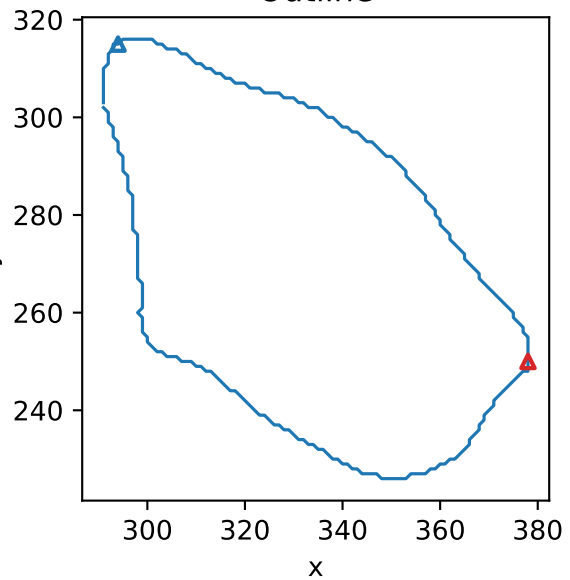
Outline



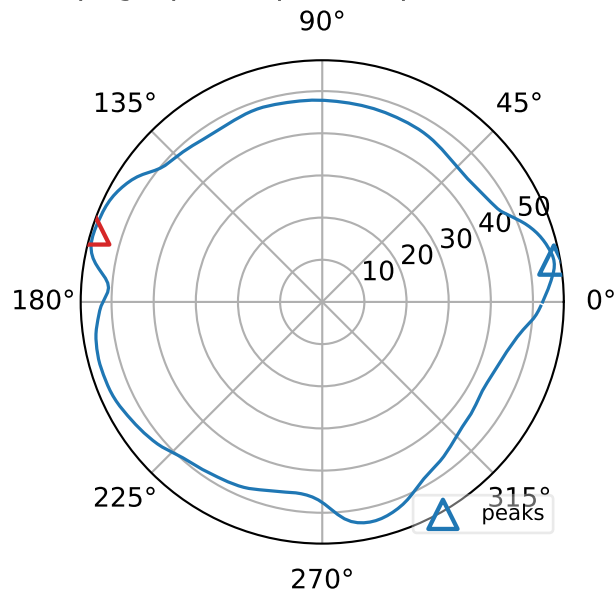
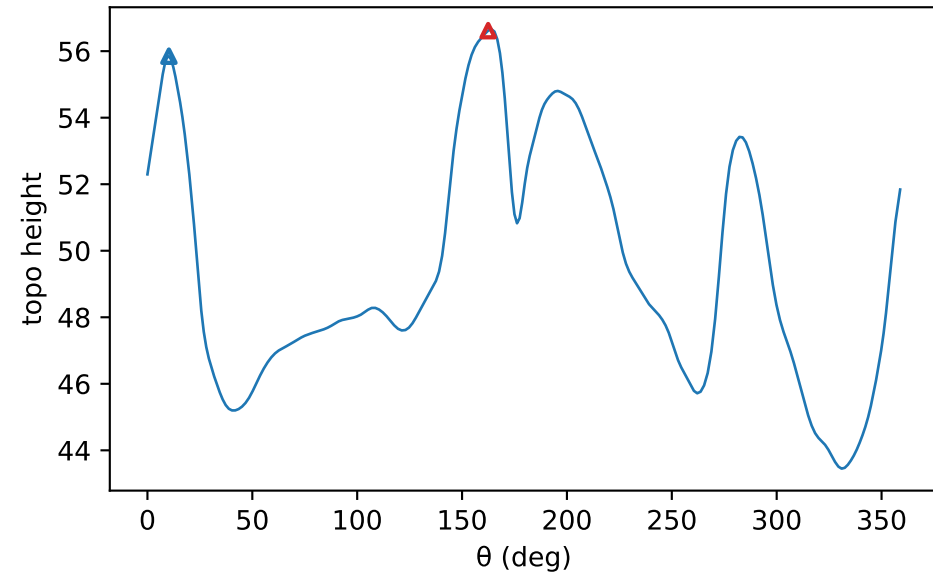
Topographical polar representation

Topographical  $\theta$ -height

Outline

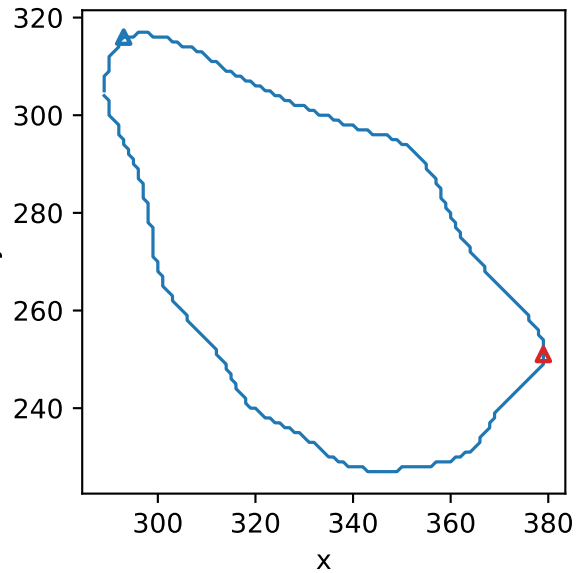


Topographical polar representation

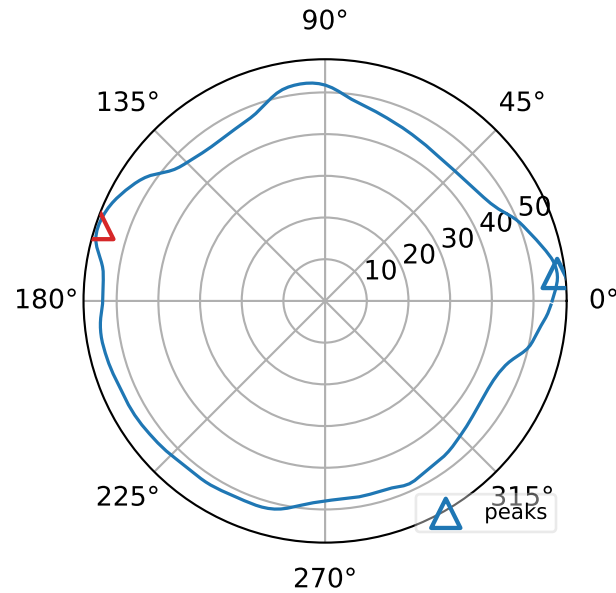
Topographical  $\theta$ -height

Frame 90 | t=90.000

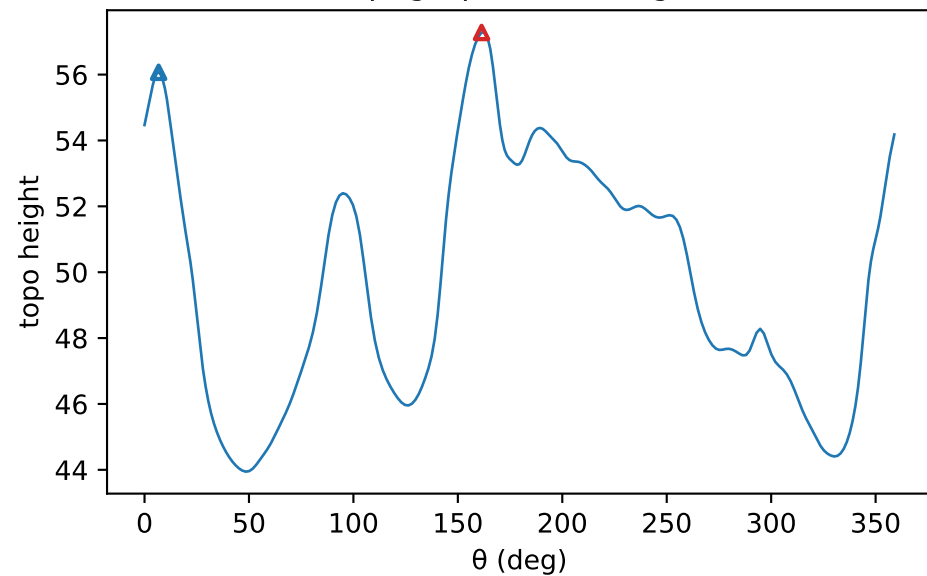
Outline



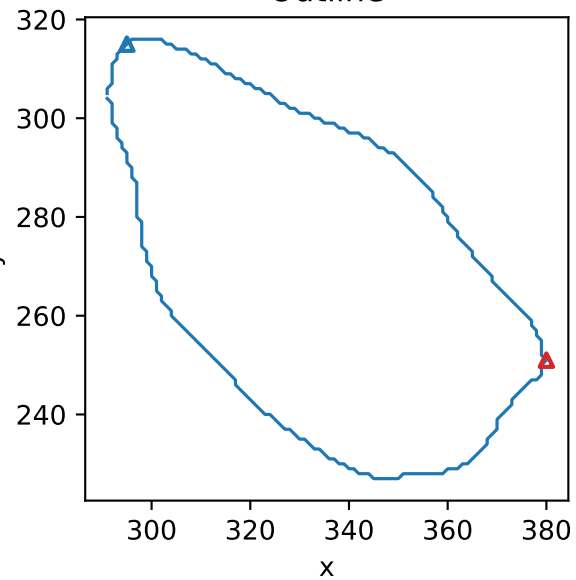
Topographical polar representation



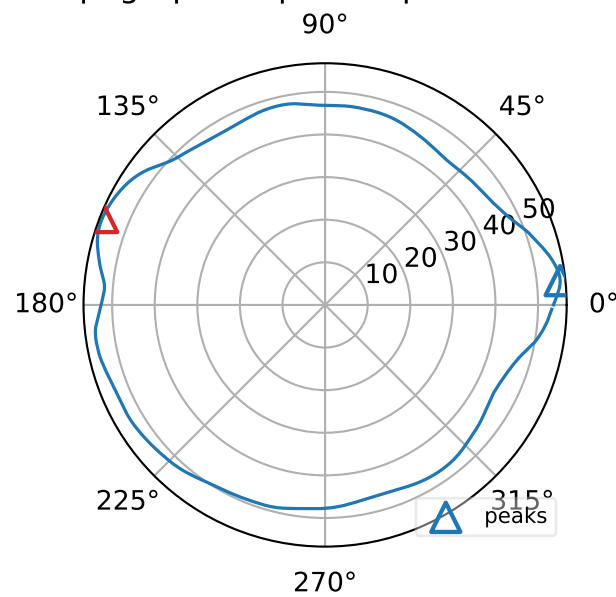
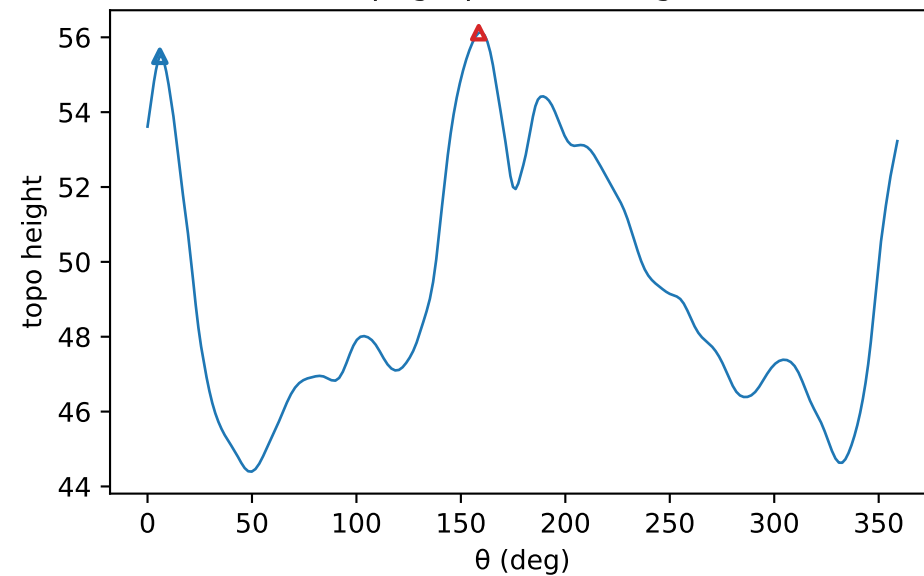
Topographical  $\theta$ -height



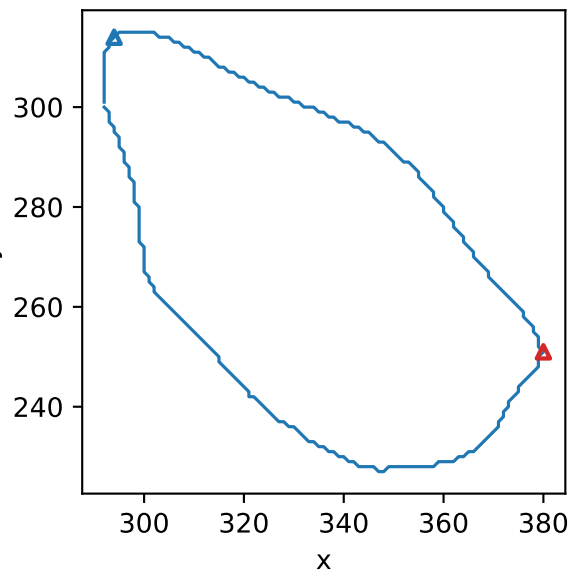
Outline



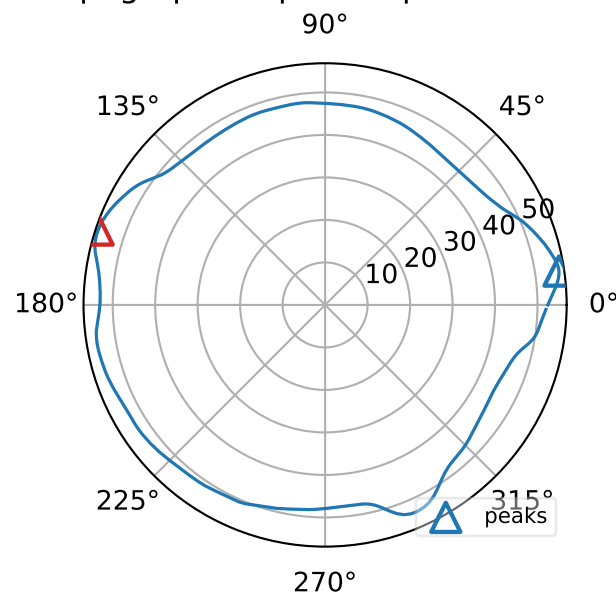
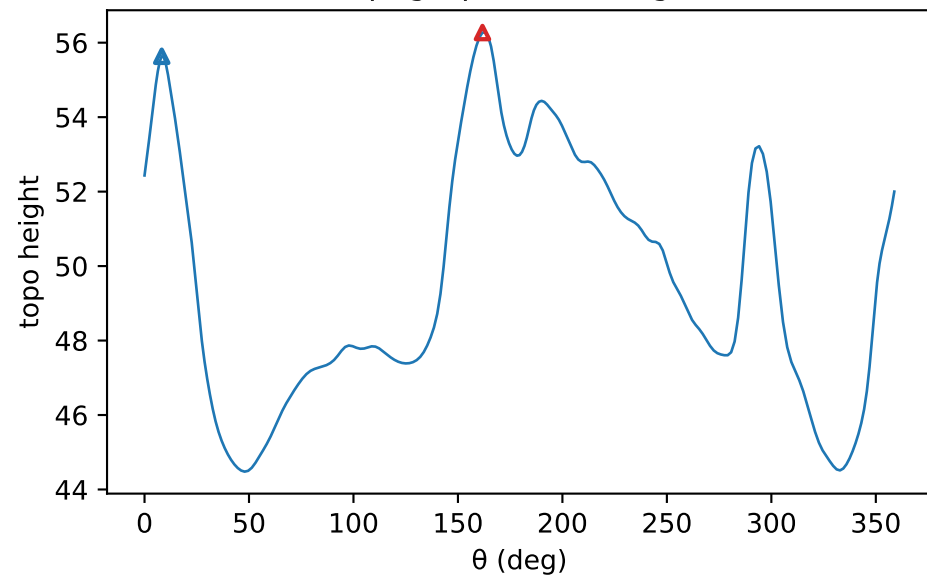
Topographical polar representation

Topographical  $\theta$ -height

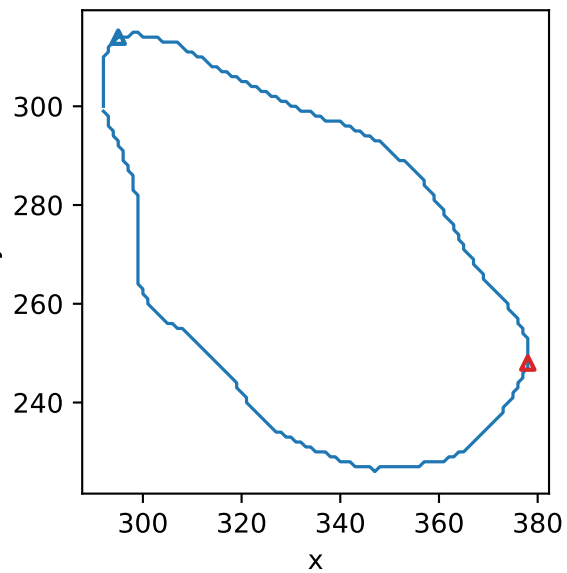
Outline



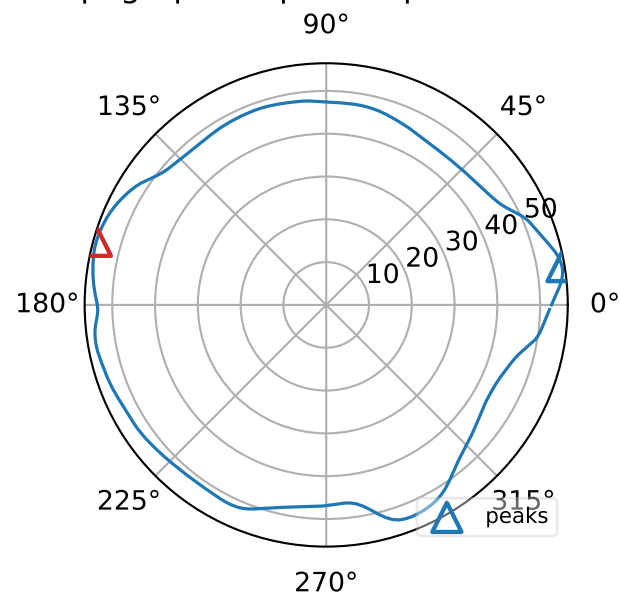
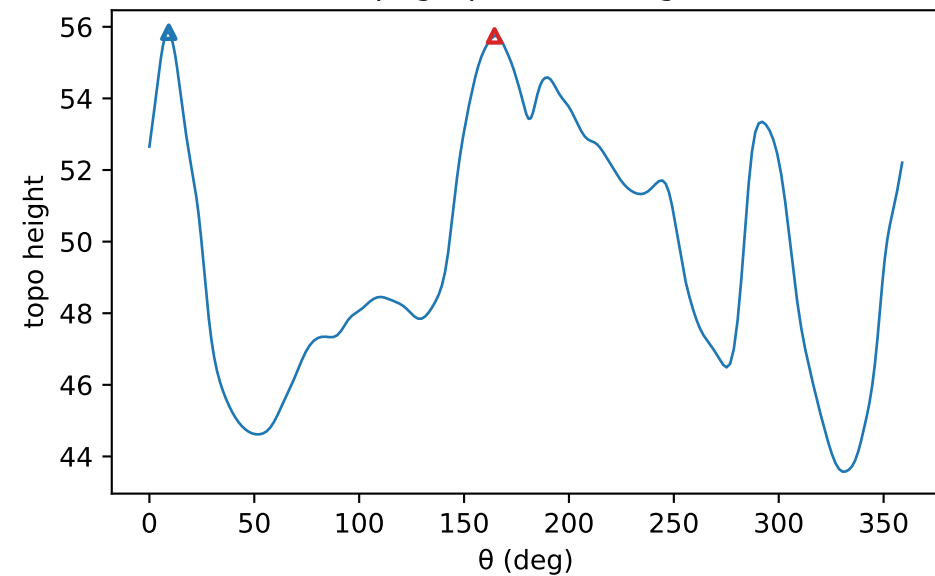
Topographical polar representation

Topographical  $\theta$ -height

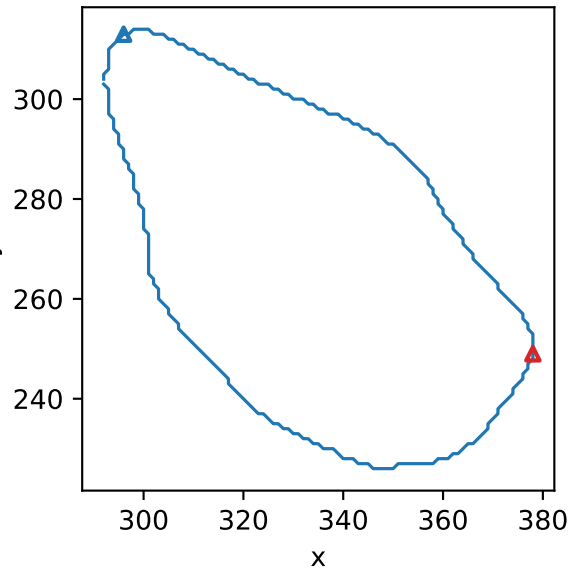
Outline



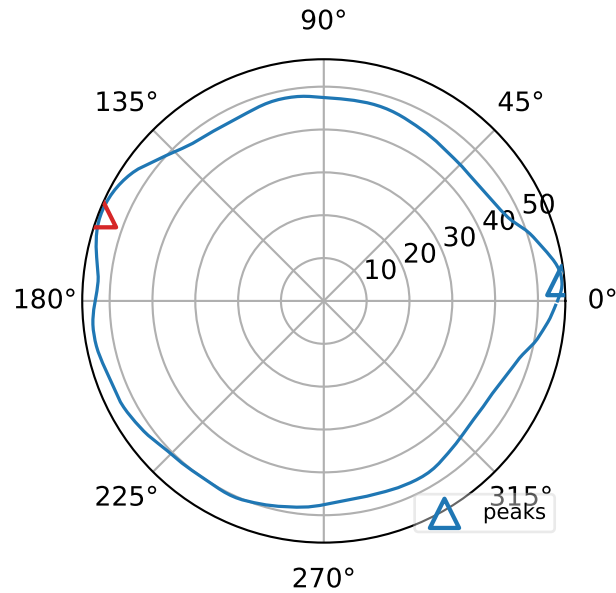
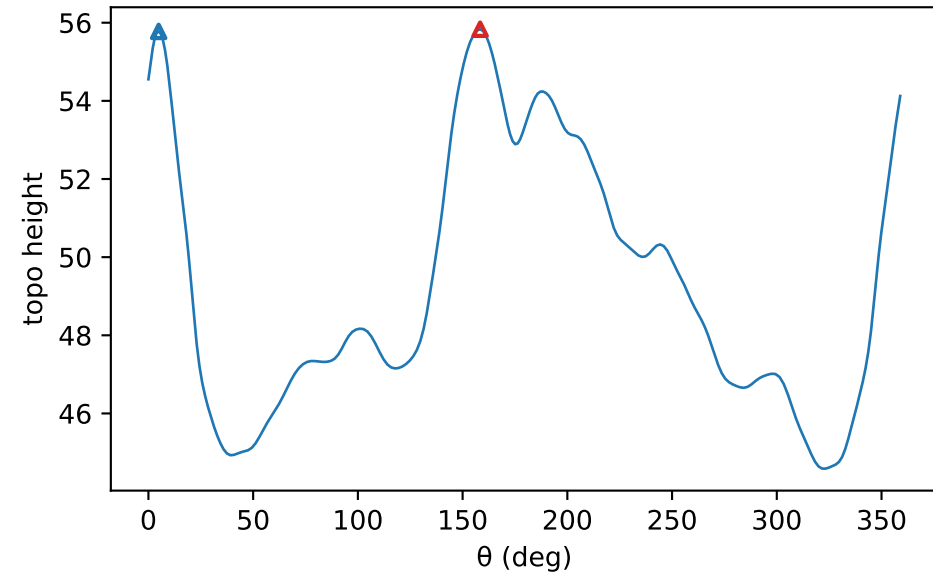
Topographical polar representation

Topographical  $\theta$ -height

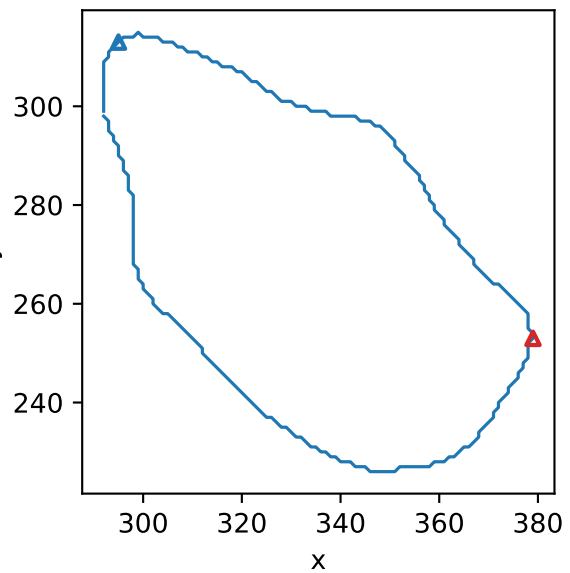
Outline



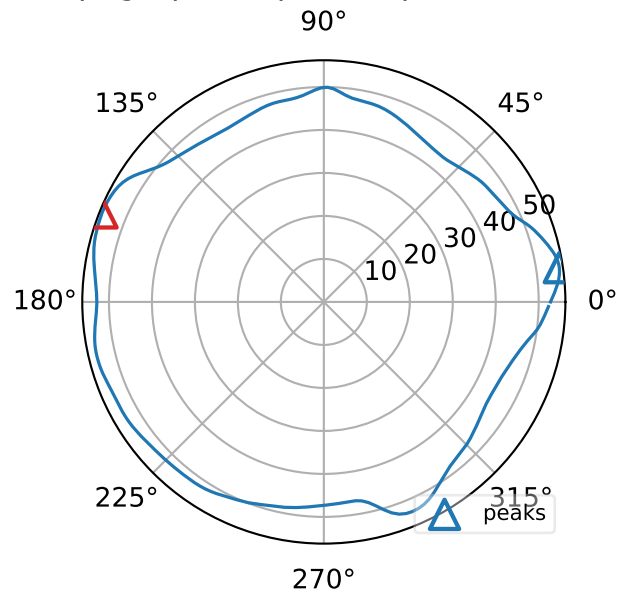
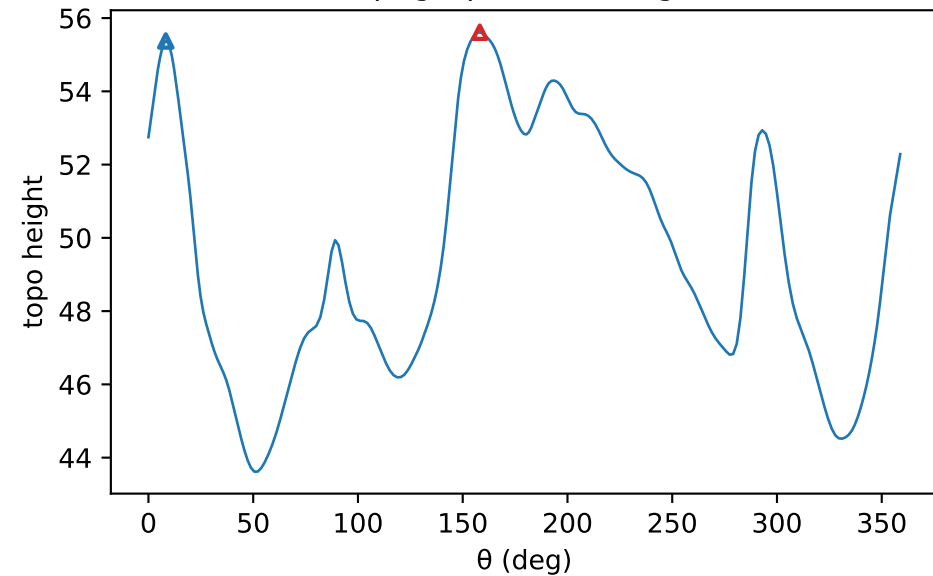
Topographical polar representation

Topographical  $\theta$ -height

Outline

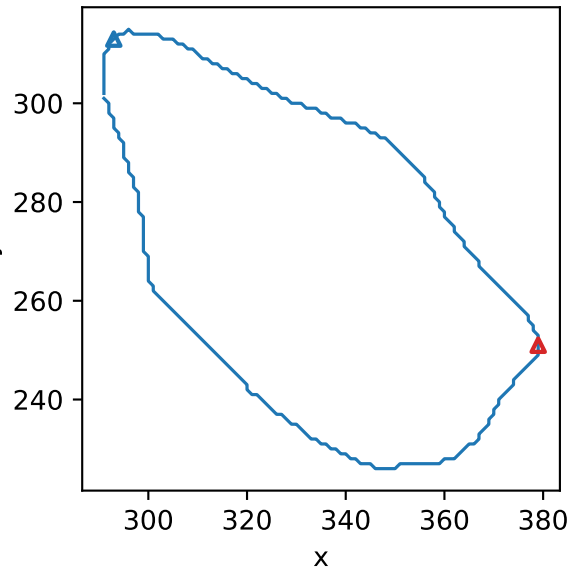


Topographical polar representation

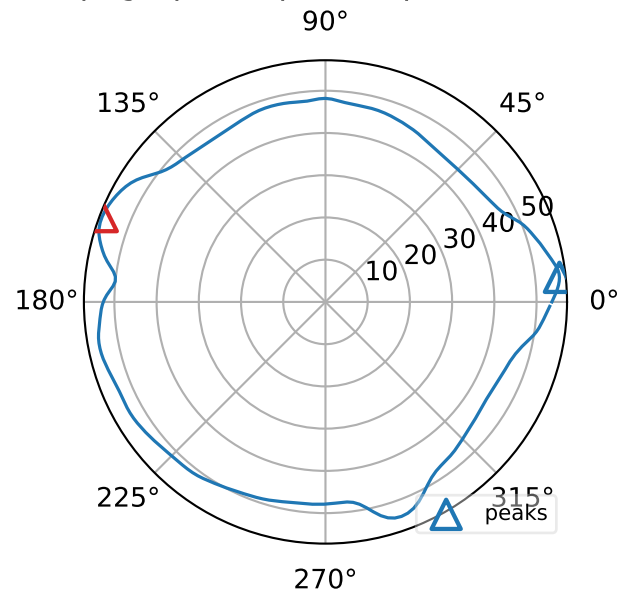
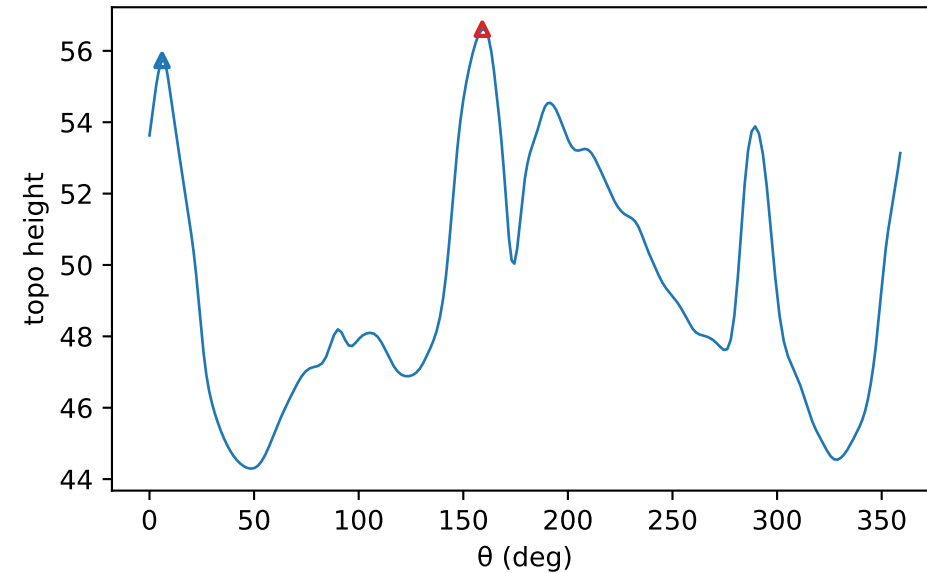
Topographical  $\theta$ -height



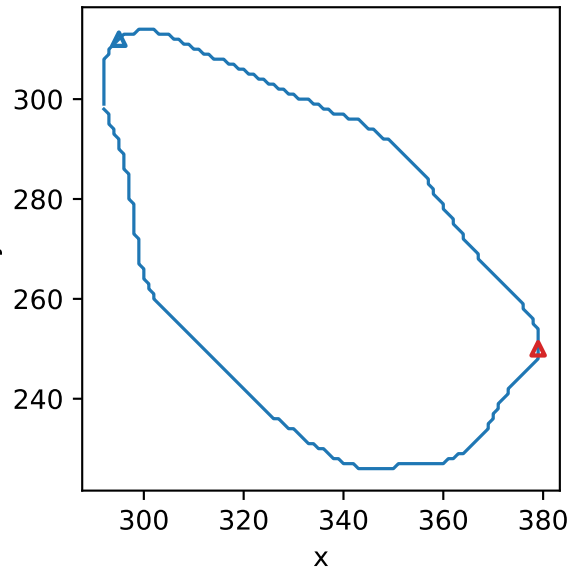
Outline



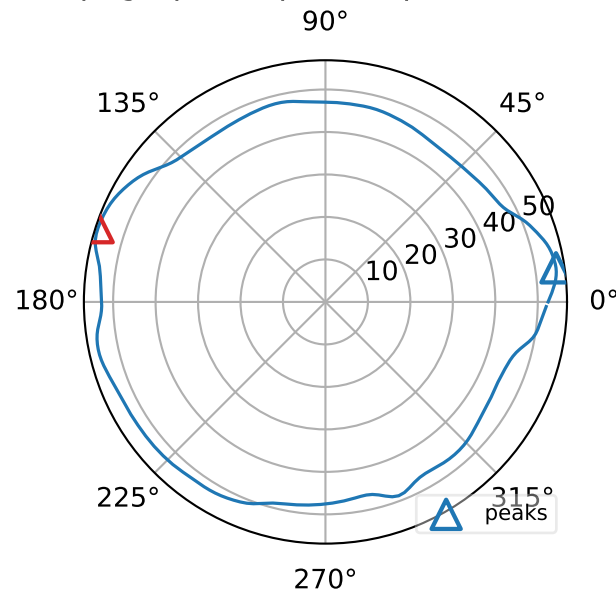
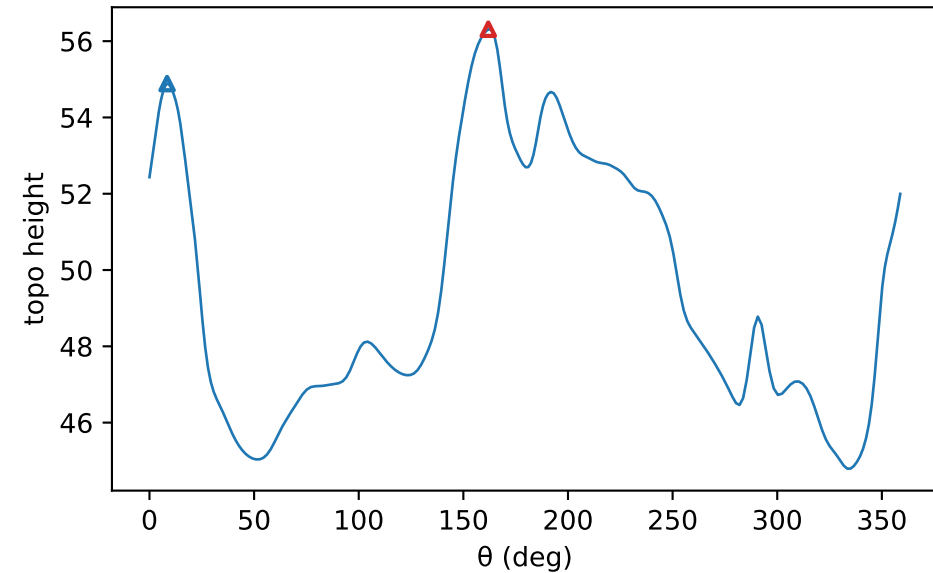
Topographical polar representation

Topographical  $\theta$ -height

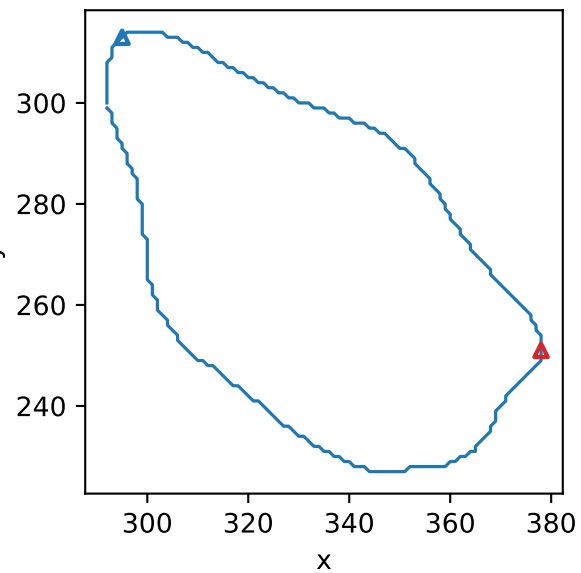
Outline



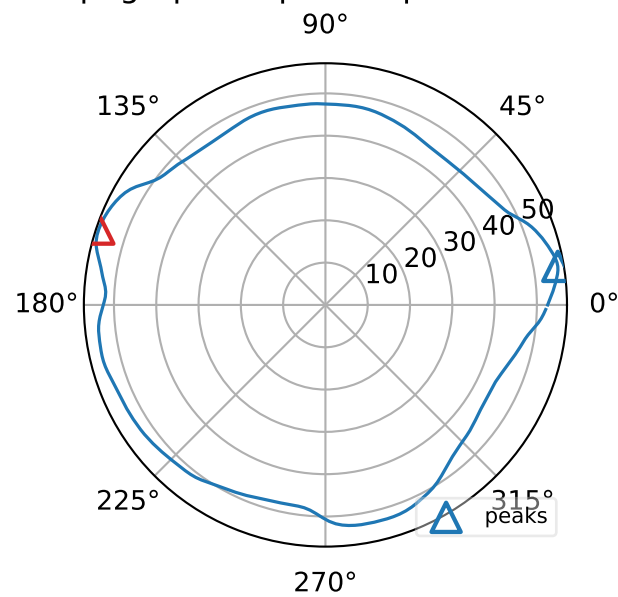
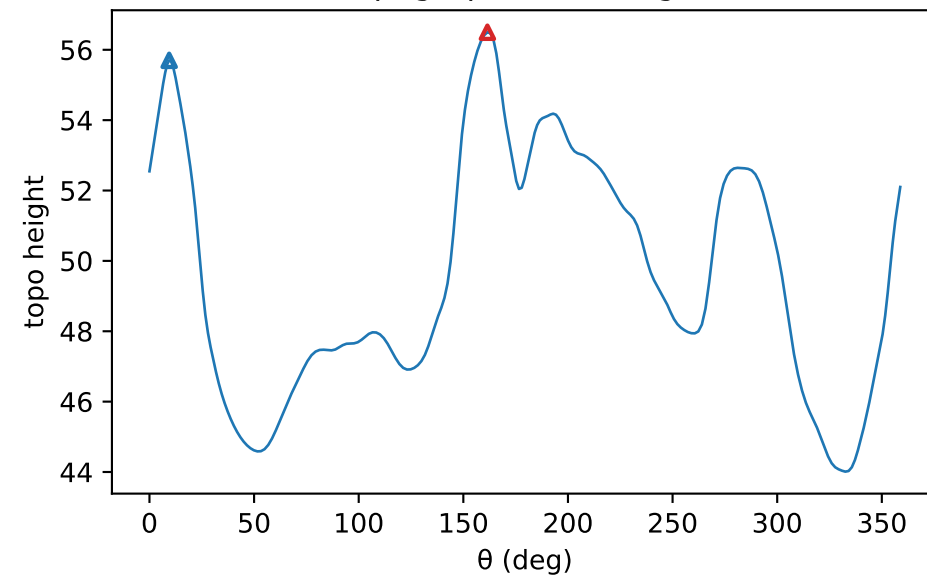
Topographical polar representation

Topographical  $\theta$ -height

Outline

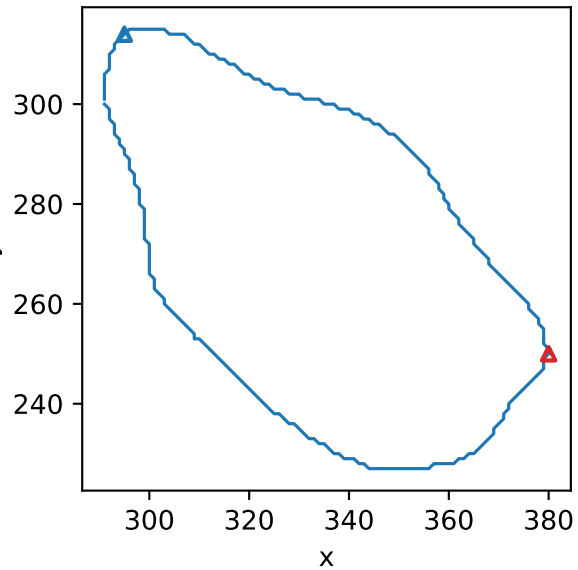


Topographical polar representation

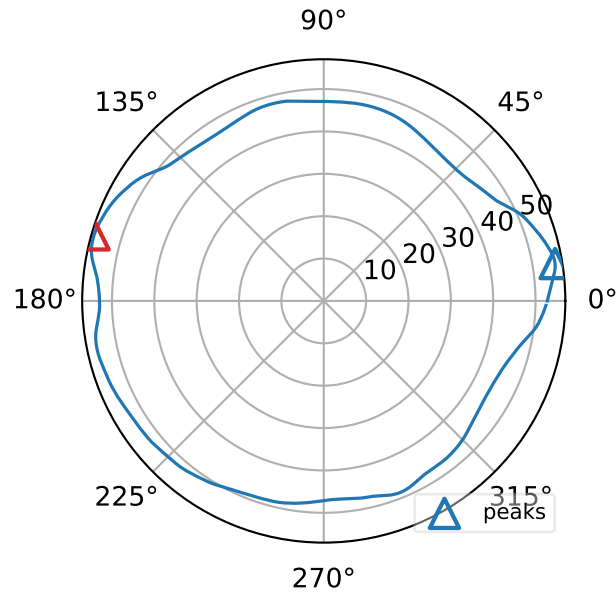
Topographical  $\theta$ -height

Frame 99 | t=99.000

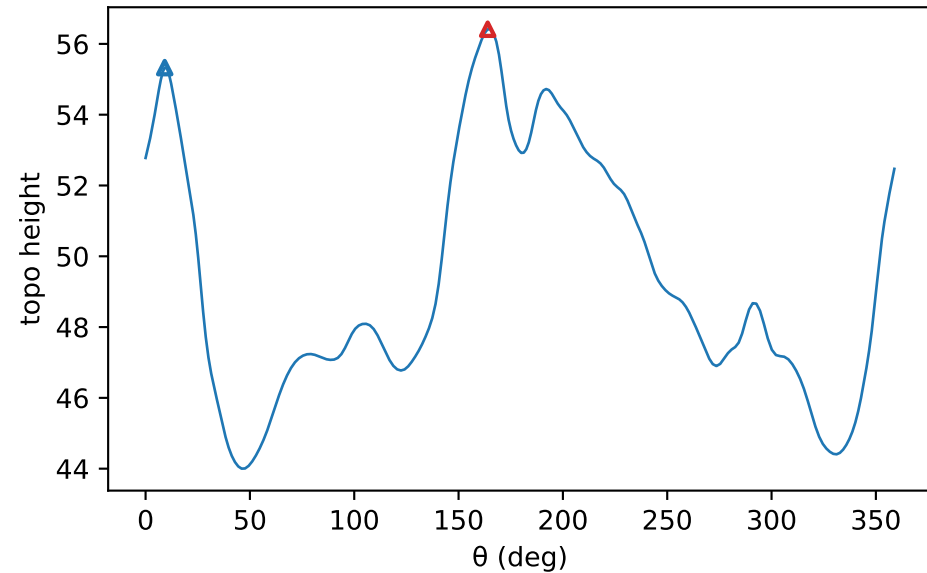
Outline



Topographical polar representation

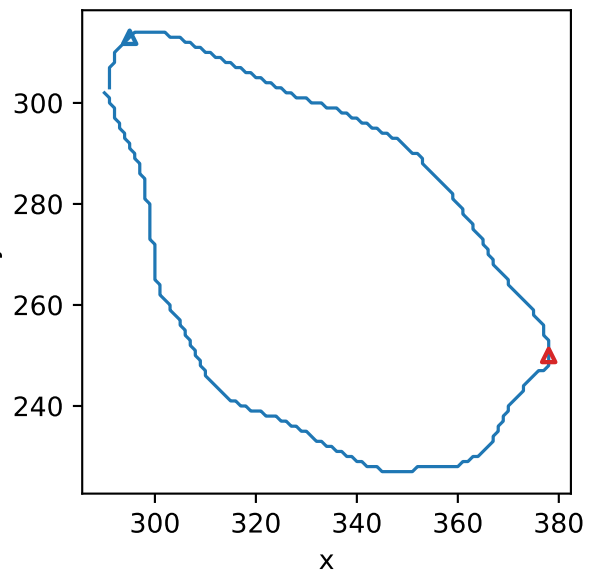


Topographical  $\theta$ -height

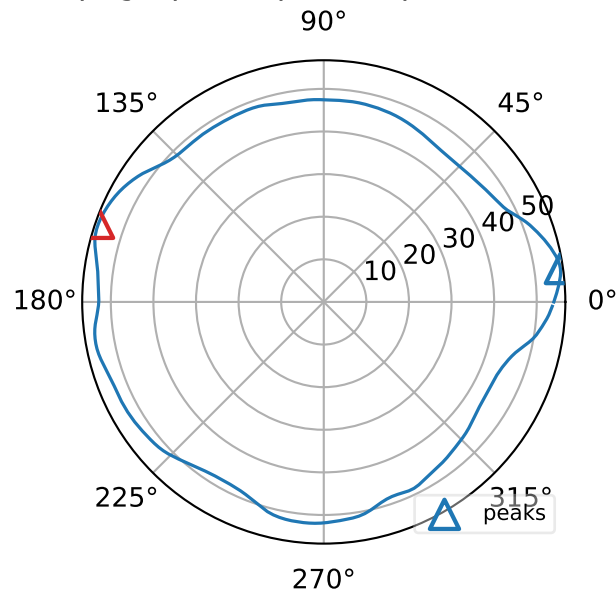


Frame 100 | t=100.000

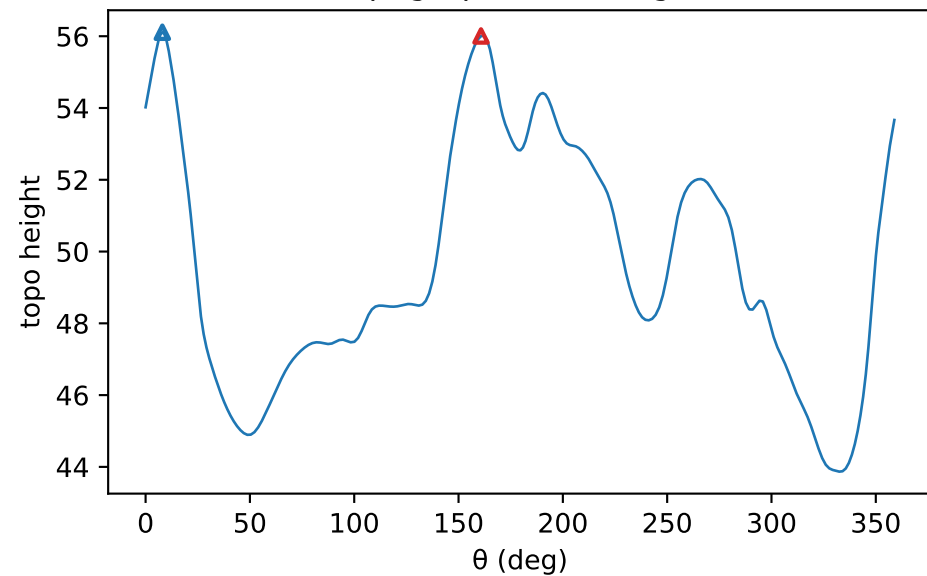
Outline



Topographical polar representation

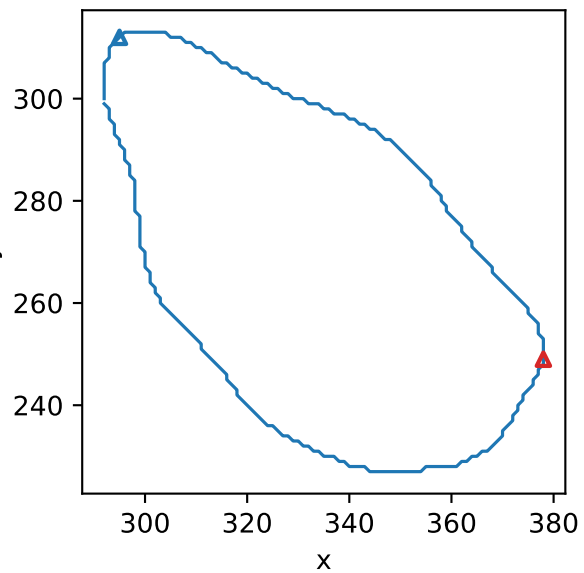


Topographical  $\theta$ -height

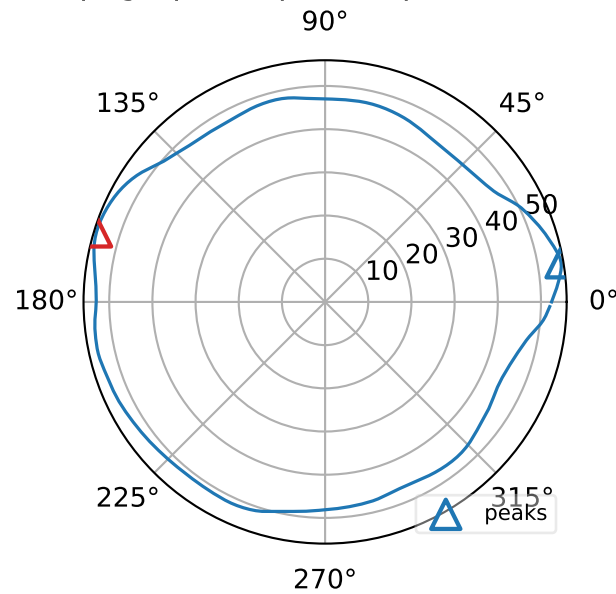


Frame 101 | t=101.000

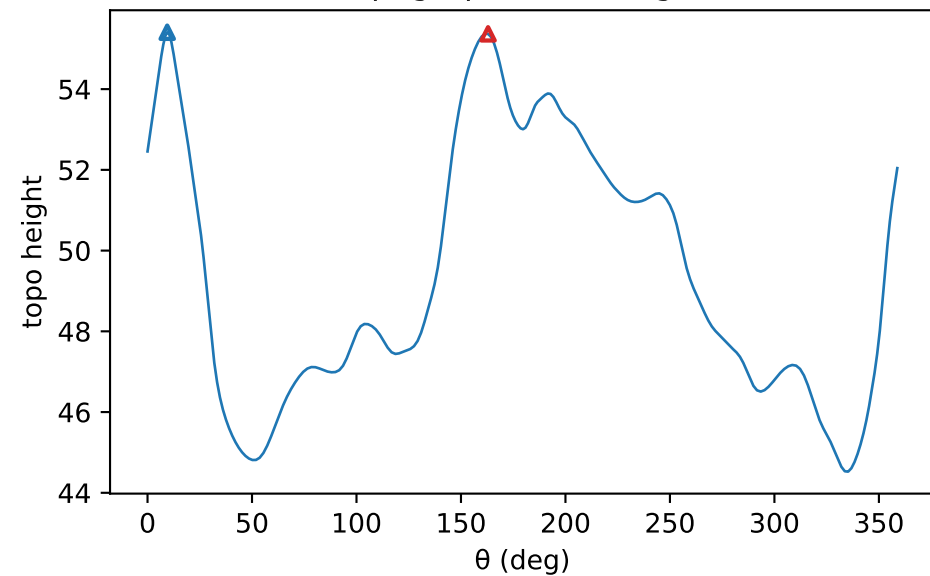
Outline



Topographical polar representation

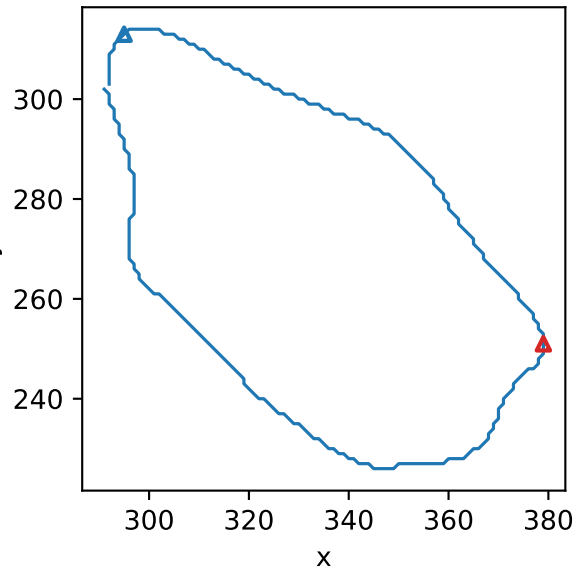


Topographical  $\theta$ -height

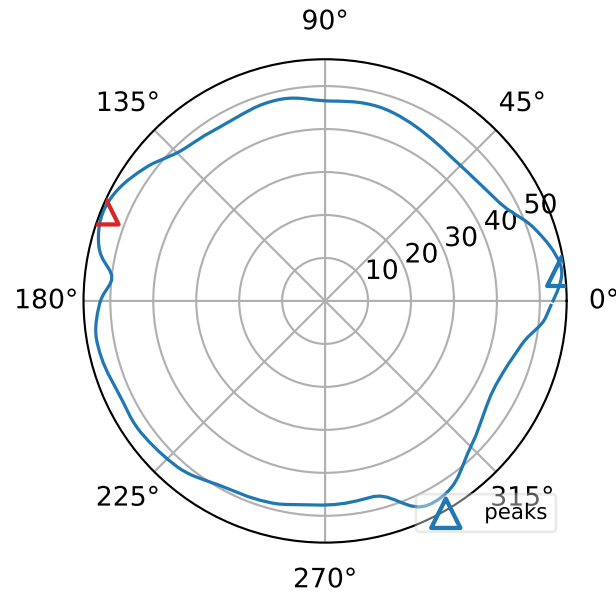


Frame 102 | t=102.000

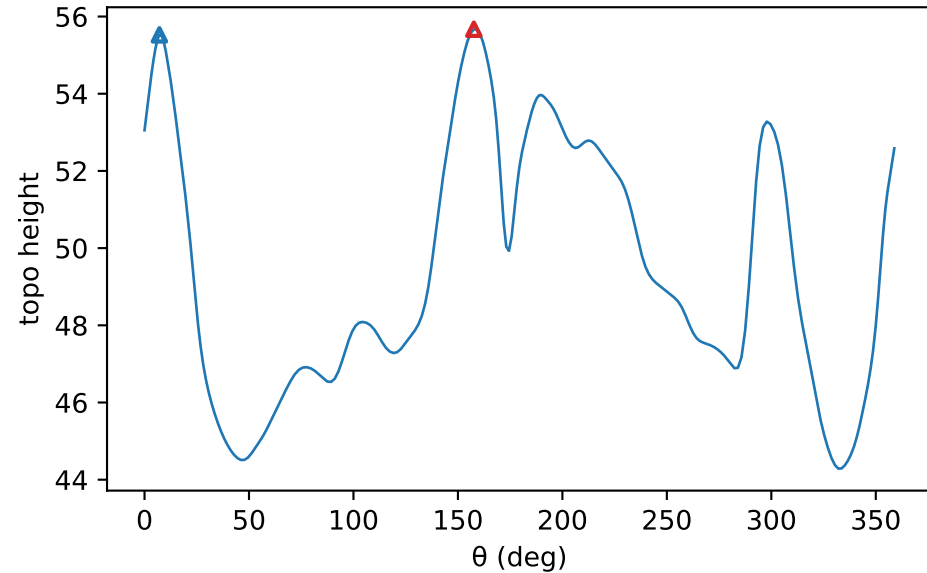
Outline



Topographical polar representation

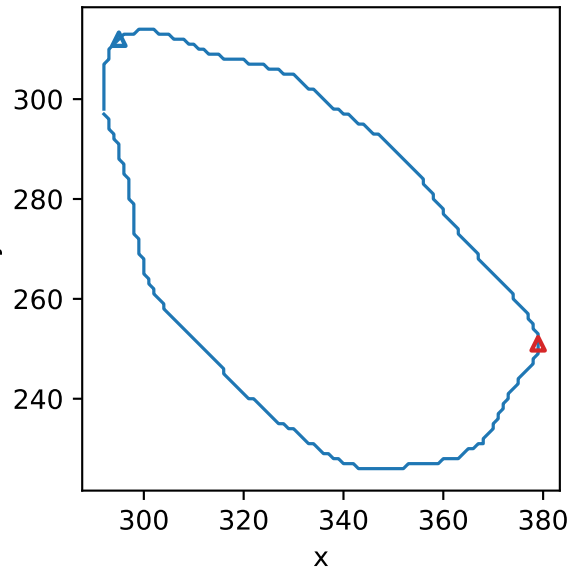


Topographical  $\theta$ -height

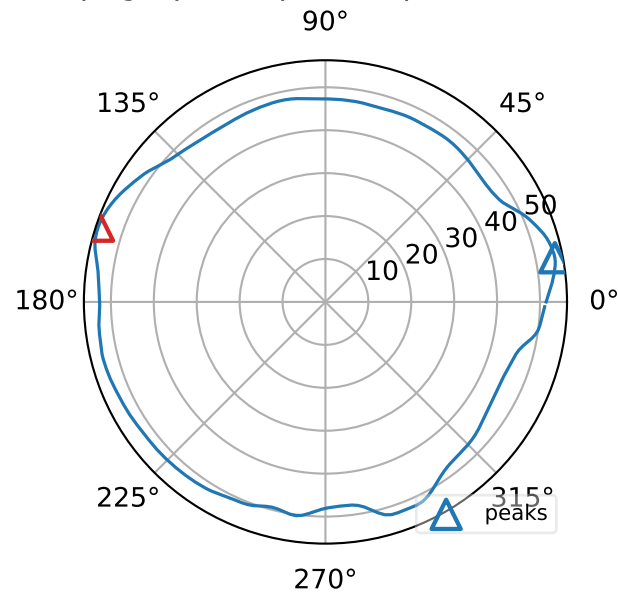


Frame 103 | t=103.000

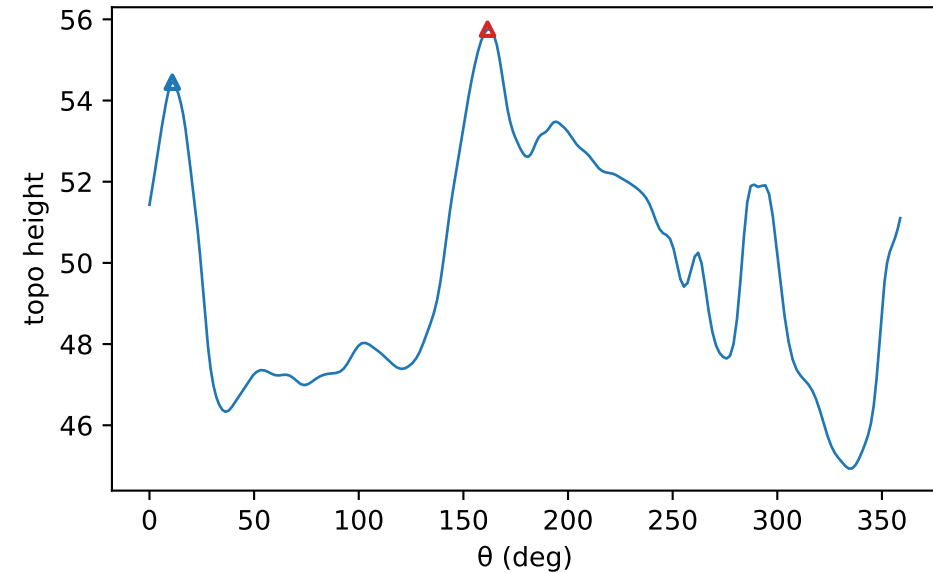
Outline



Topographical polar representation

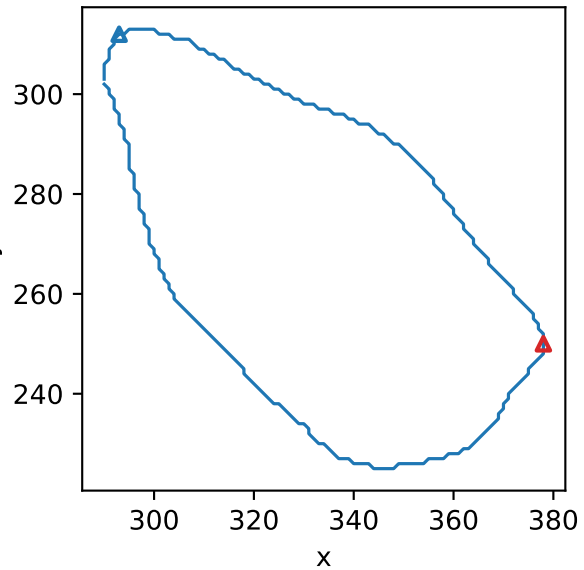


Topographical  $\theta$ -height

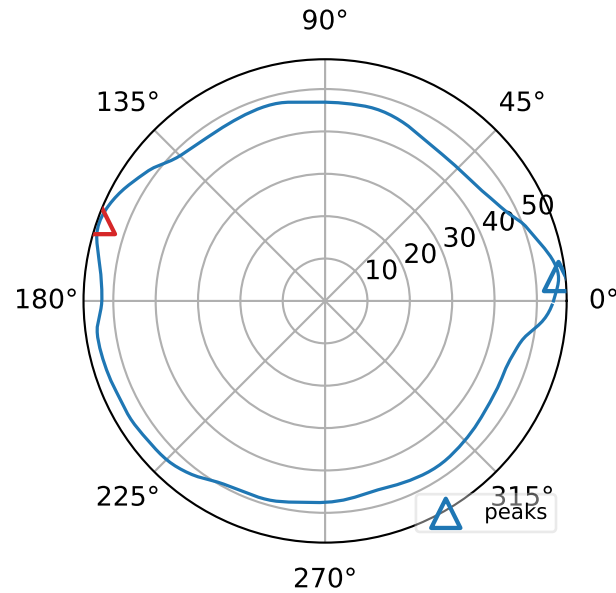
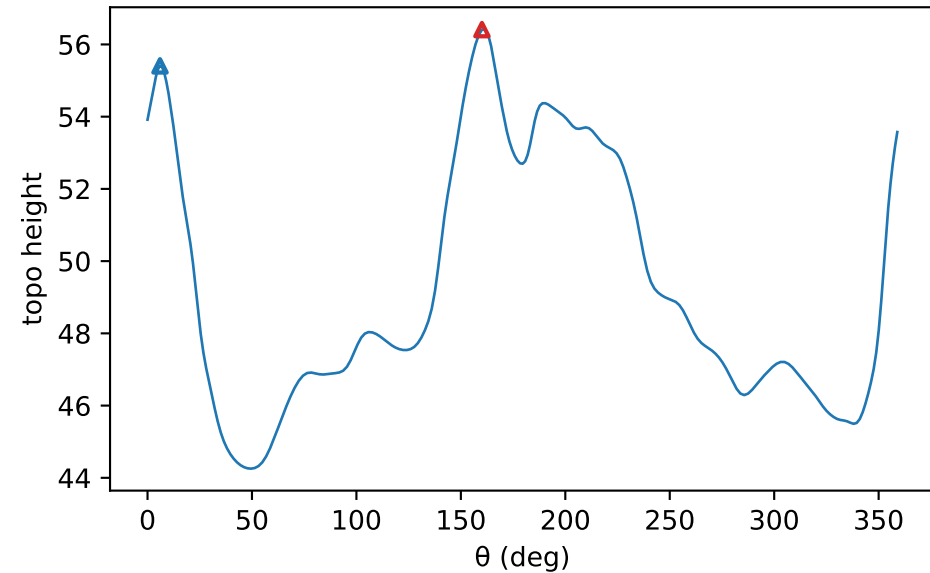




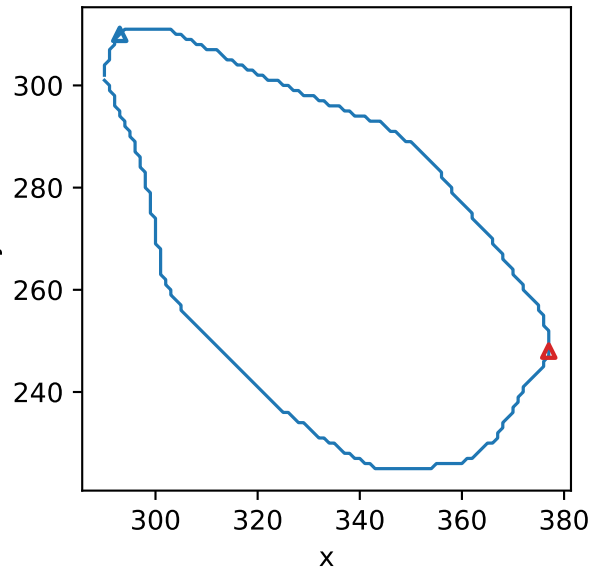
Outline



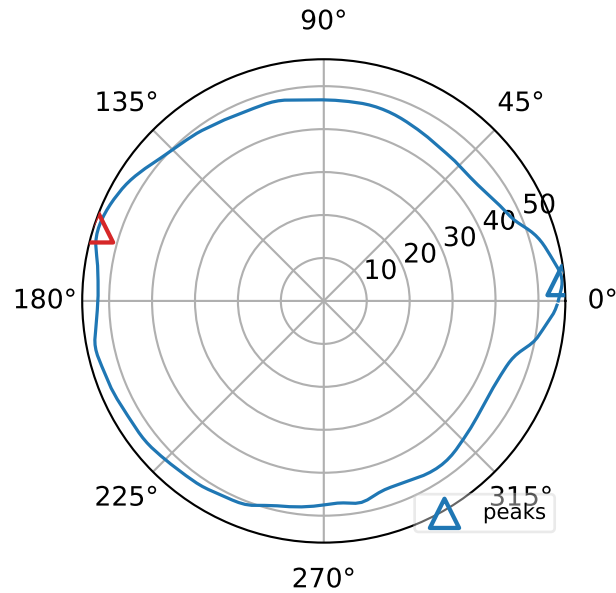
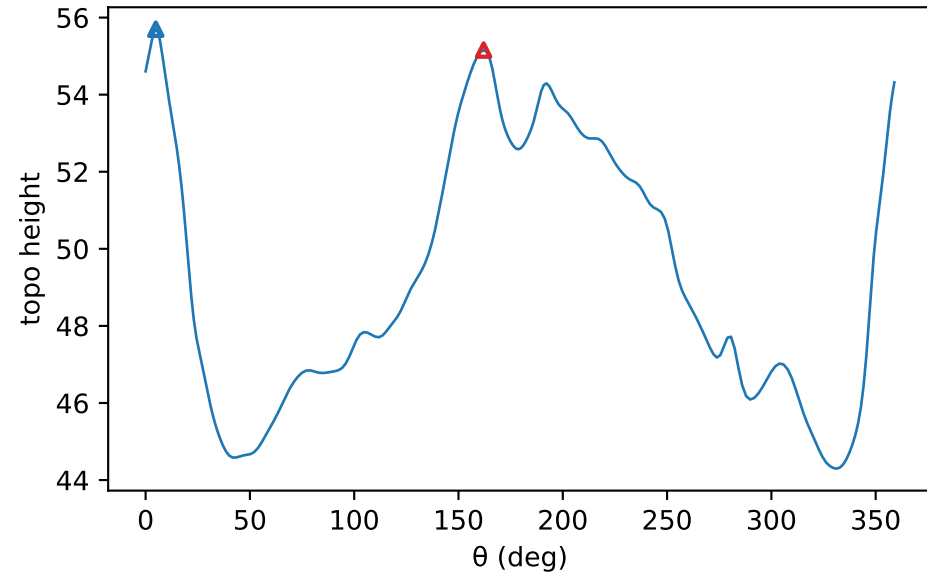
Topographical polar representation

Topographical  $\theta$ -height

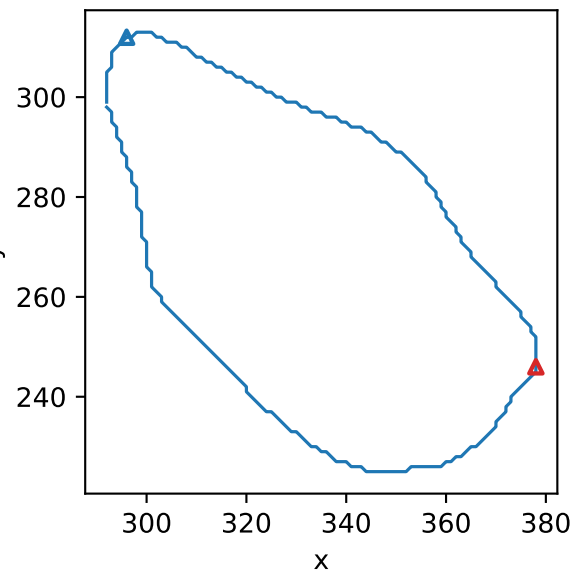
Outline



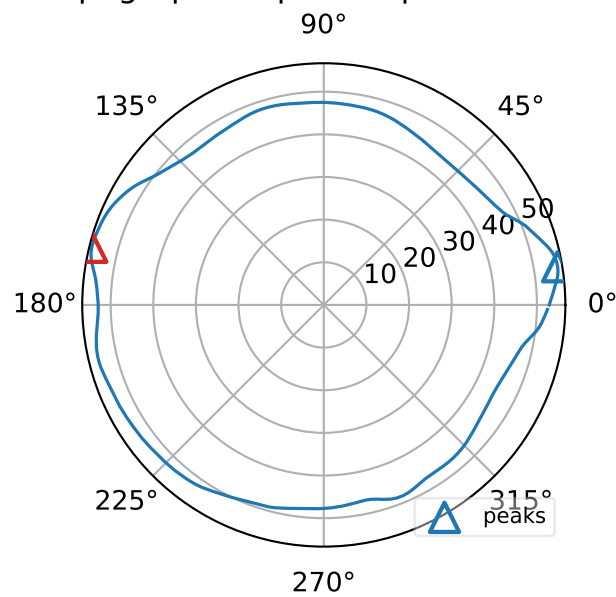
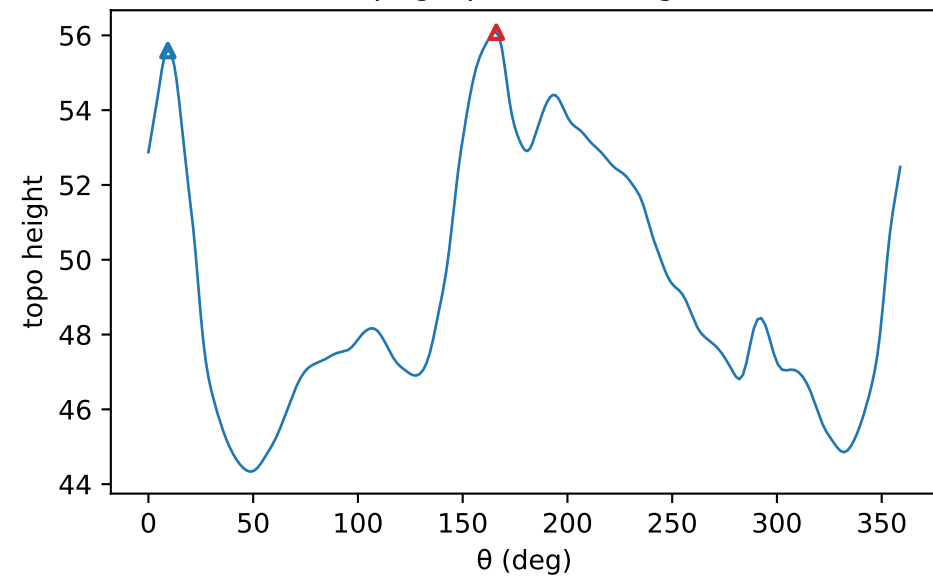
Topographical polar representation

Topographical  $\theta$ -height

Outline

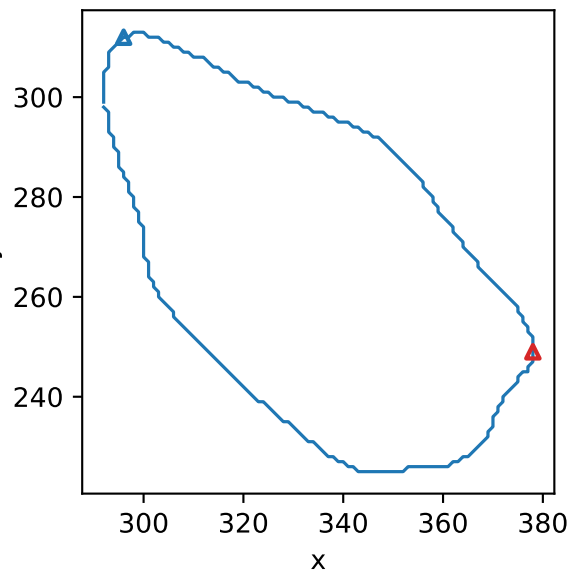


Topographical polar representation

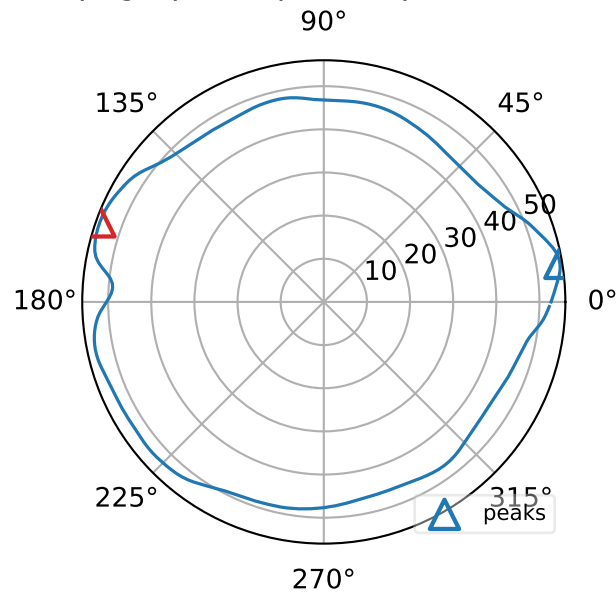
Topographical  $\theta$ -height

Frame 107 | t=107.000

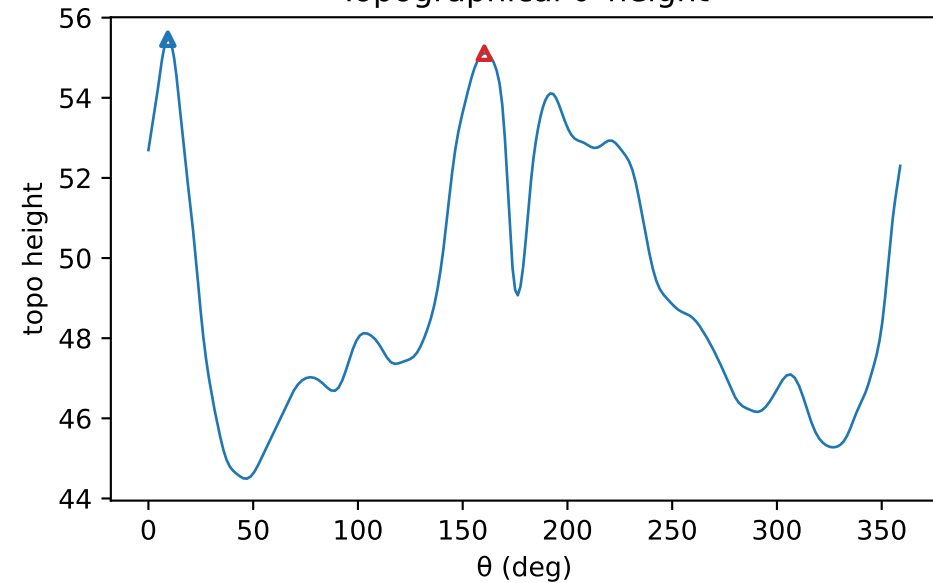
Outline



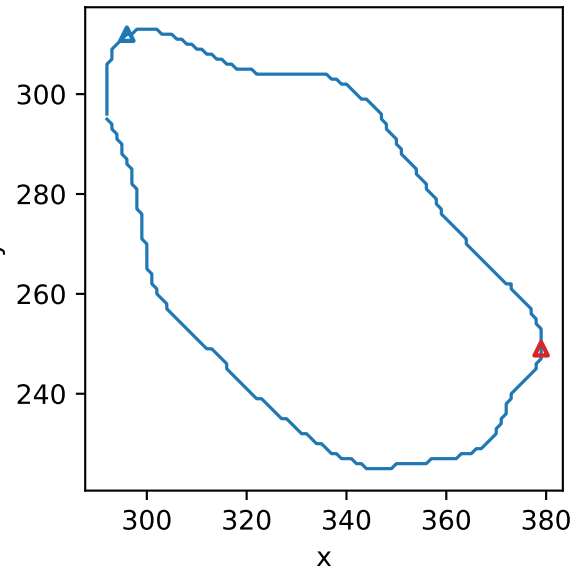
Topographical polar representation



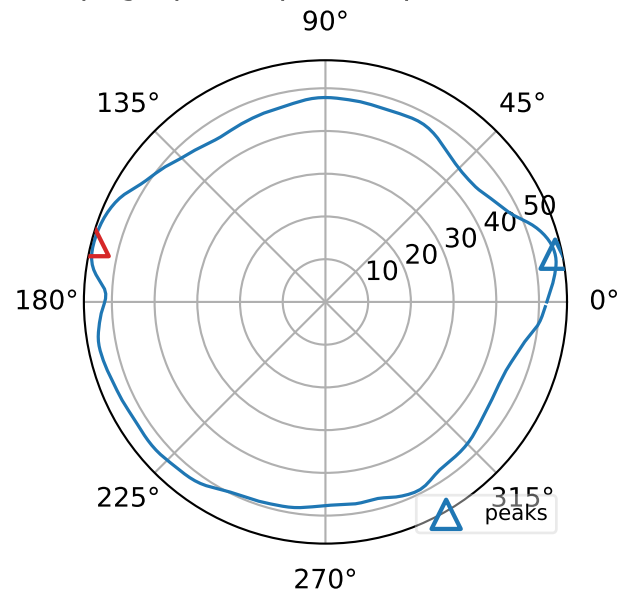
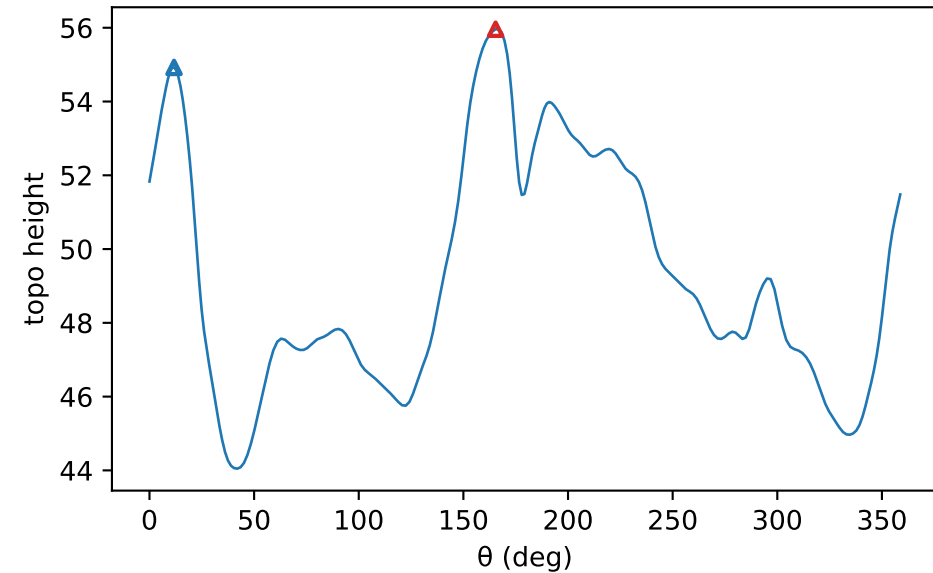
Topographical  $\theta$ -height



Outline

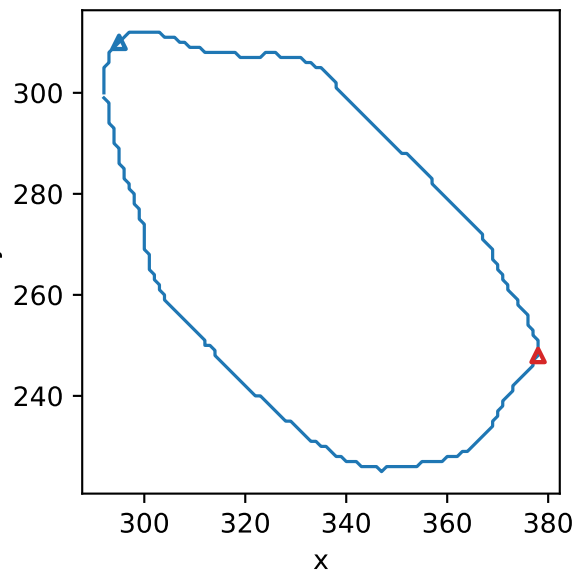


Topographical polar representation

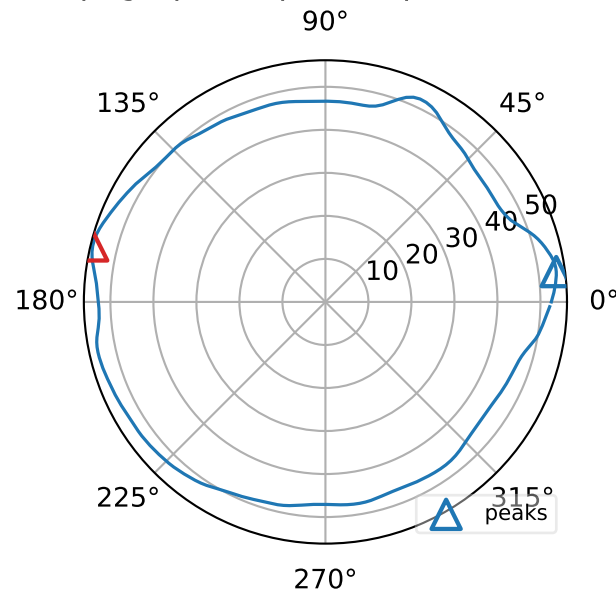
Topographical  $\theta$ -height

Frame 109 | t=109.000

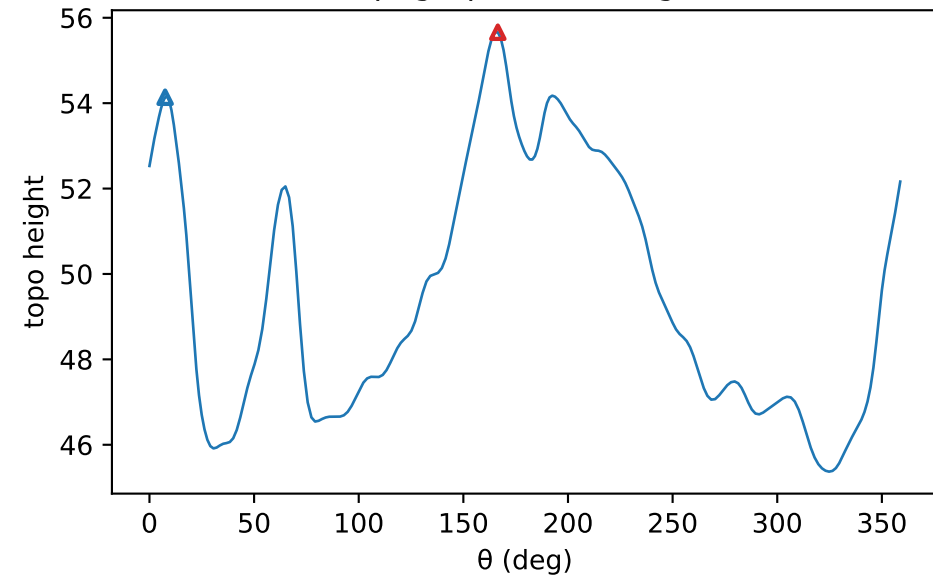
Outline



Topographical polar representation

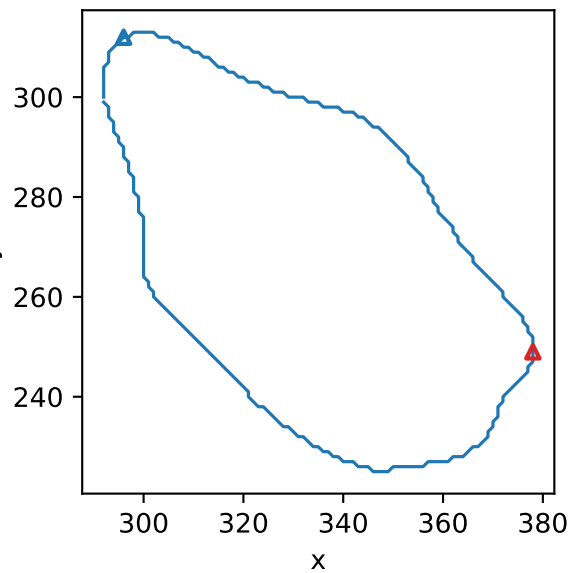


Topographical  $\theta$ -height

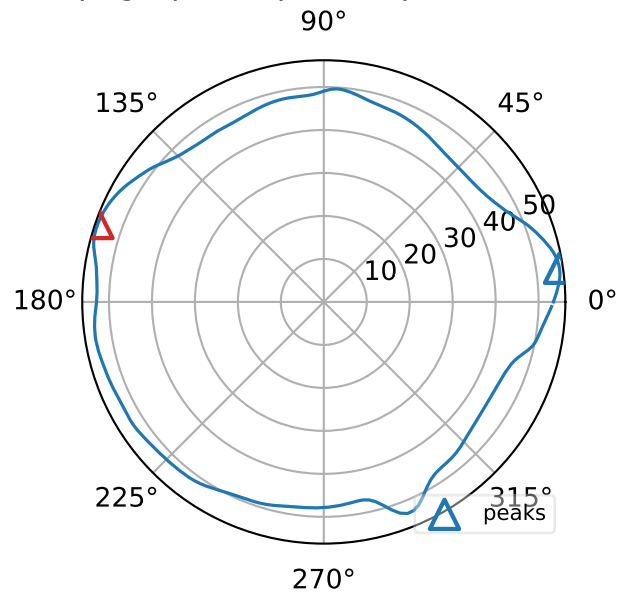


Frame 110 | t=110.000

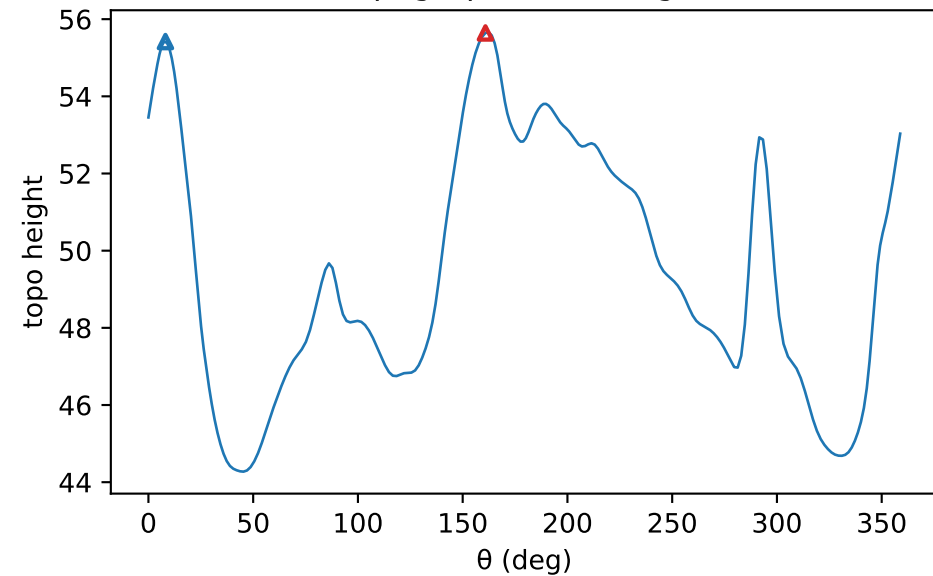
Outline



Topographical polar representation

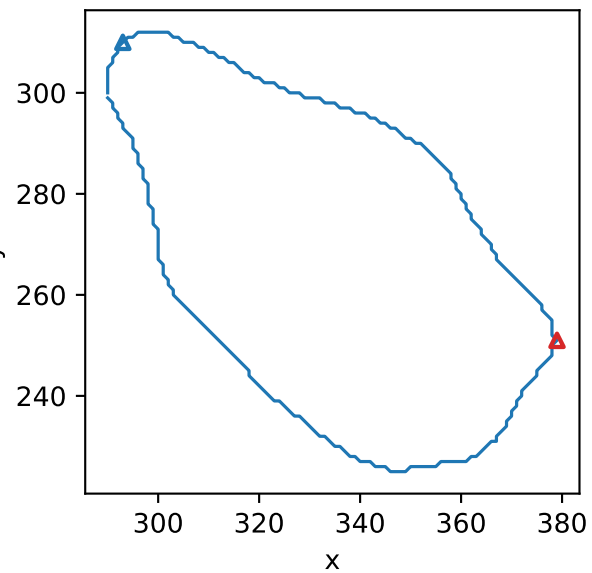


Topographical  $\theta$ -height

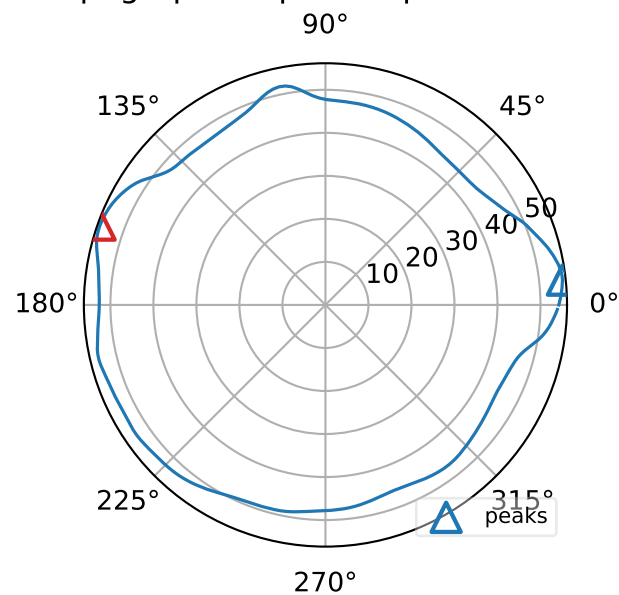


Frame 111 | t=111.000

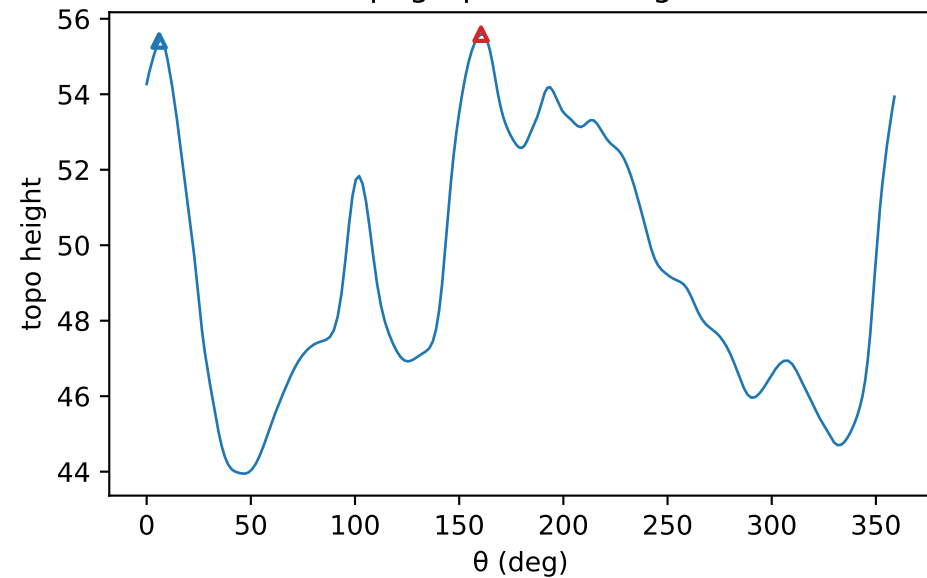
Outline



Topographical polar representation

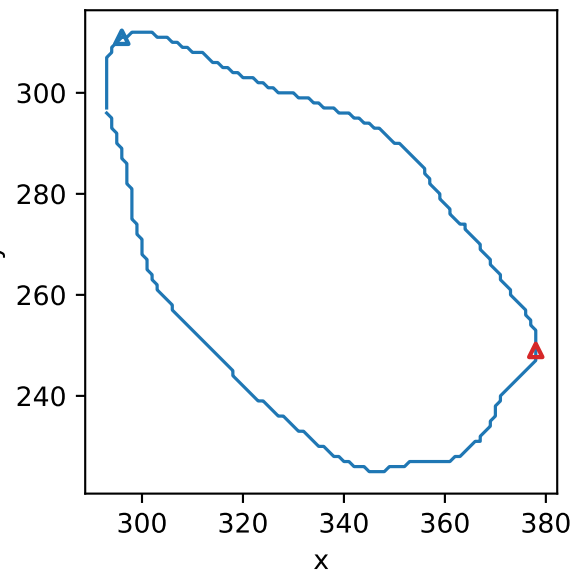


Topographical  $\theta$ -height

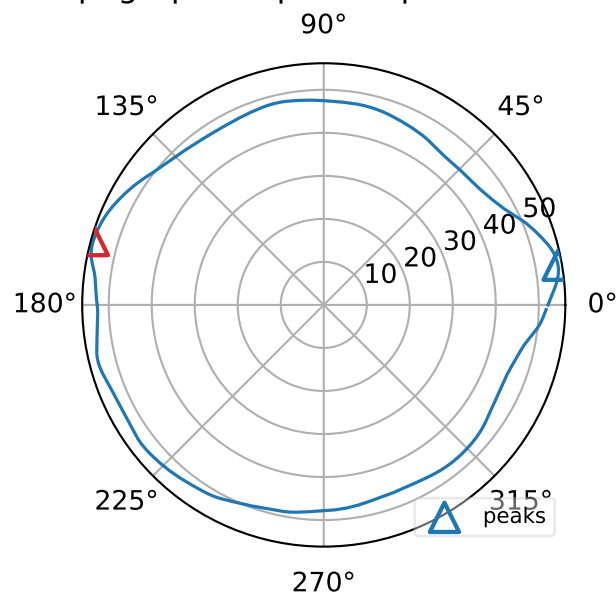
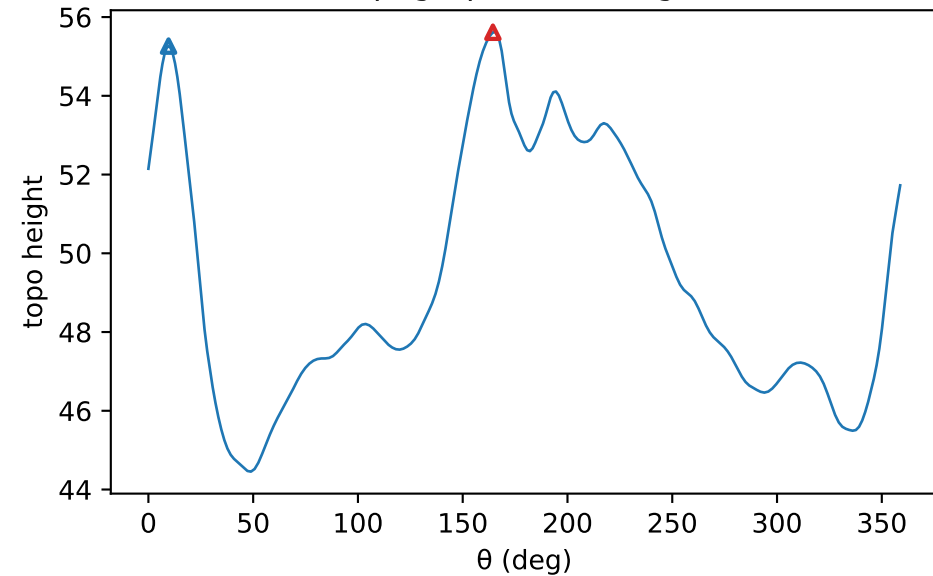




Outline

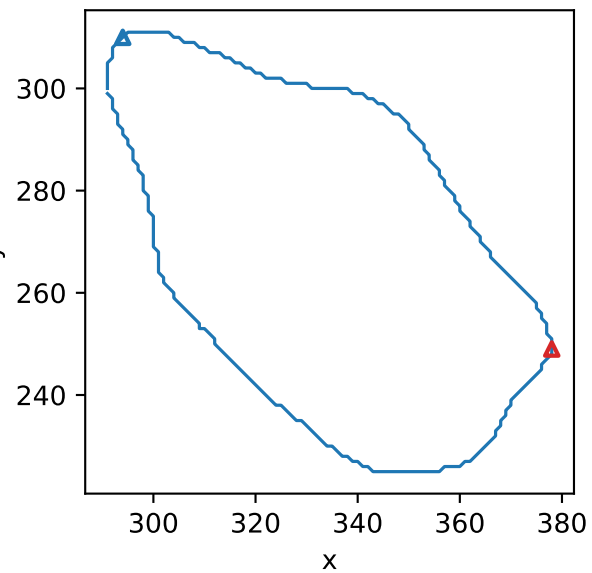


Topographical polar representation

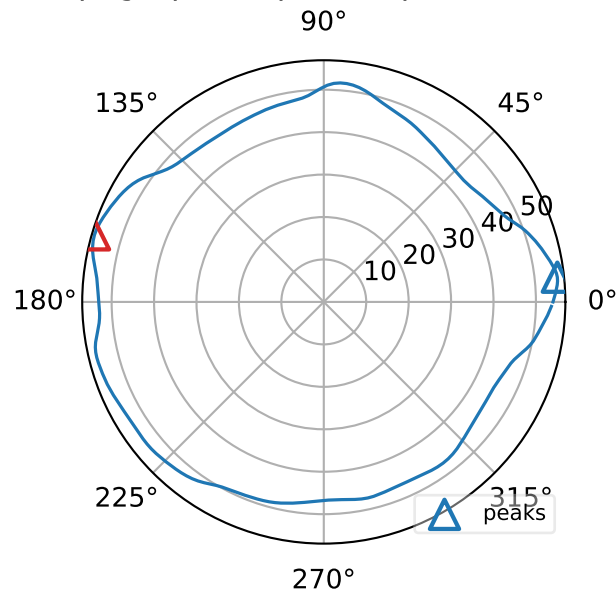
Topographical  $\theta$ -height

Frame 113 | t=113.000

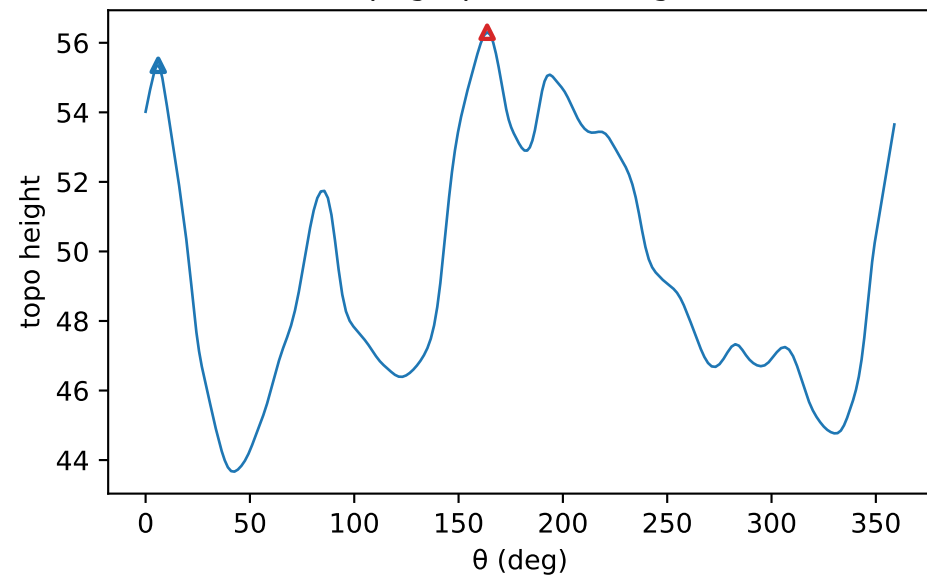
Outline



Topographical polar representation

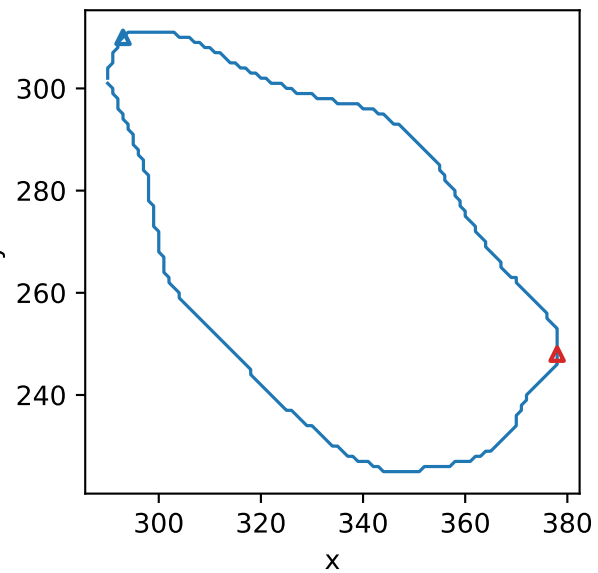


Topographical  $\theta$ -height

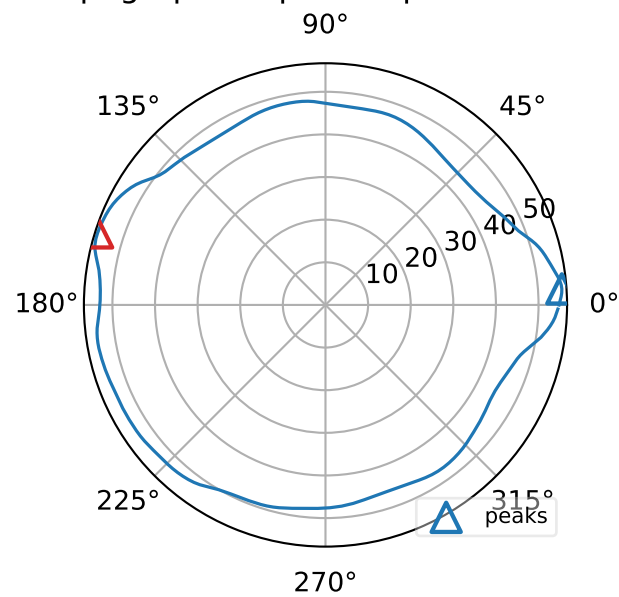


Frame 114 | t=114.000

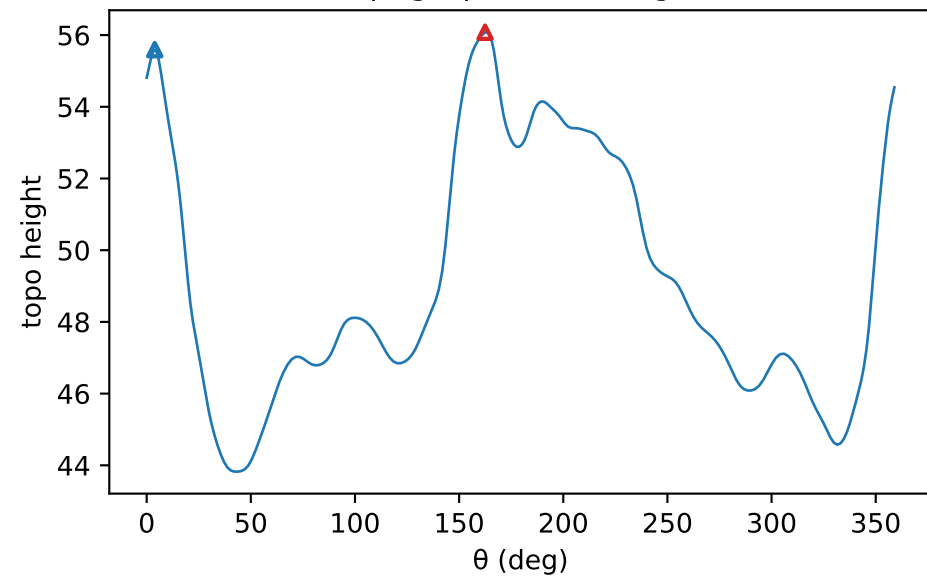
Outline



Topographical polar representation

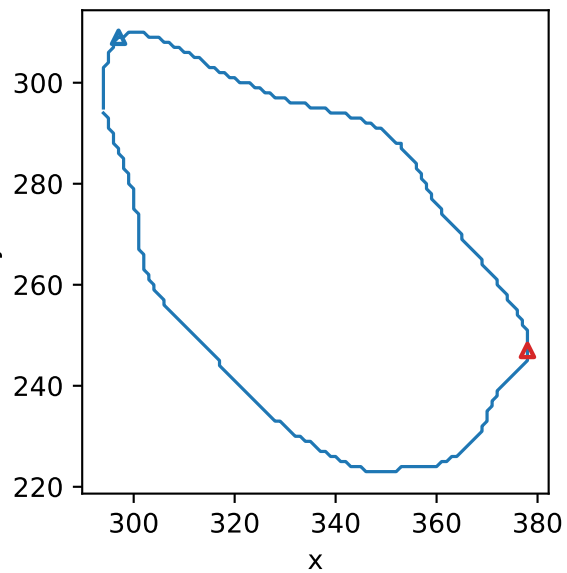


Topographical  $\theta$ -height

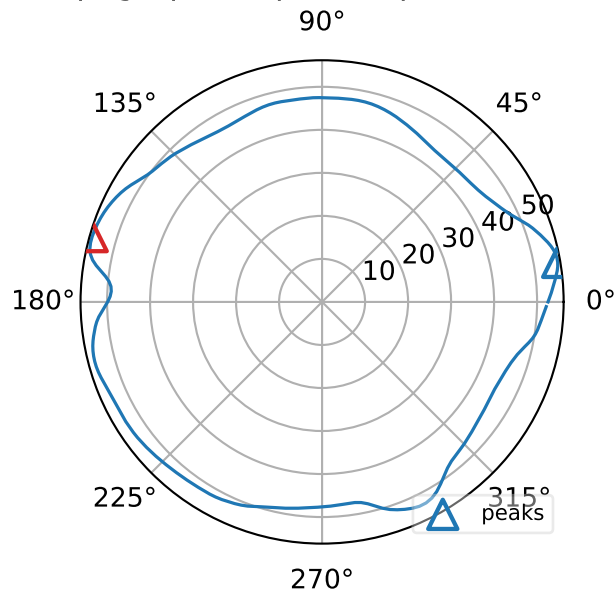


Frame 115 | t=115.000

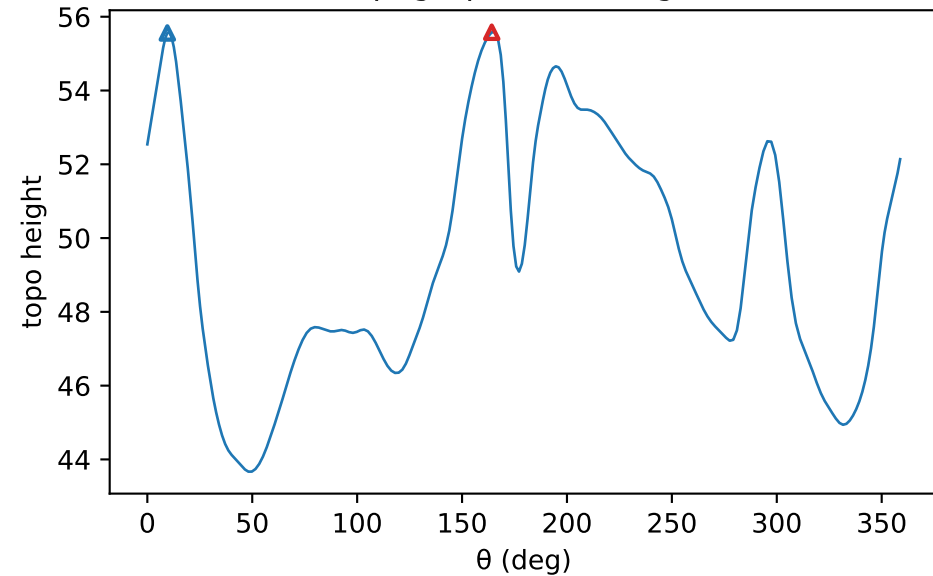
Outline



Topographical polar representation

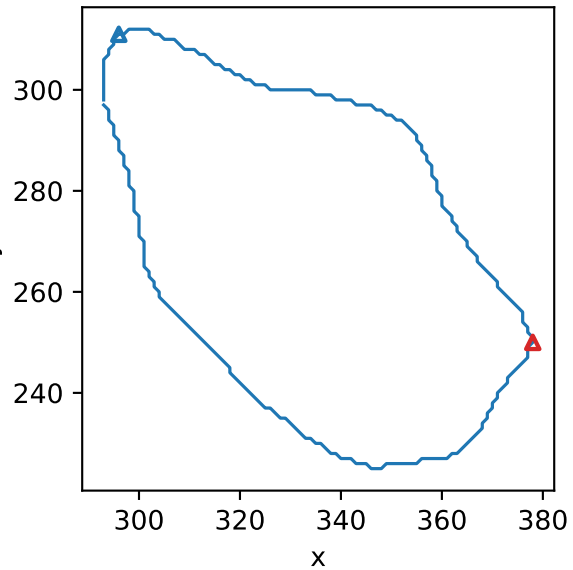


Topographical  $\theta$ -height

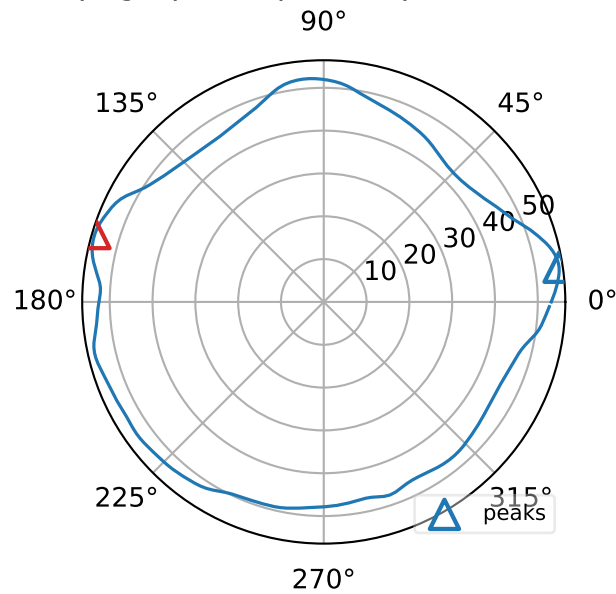


Frame 116 | t=116.000

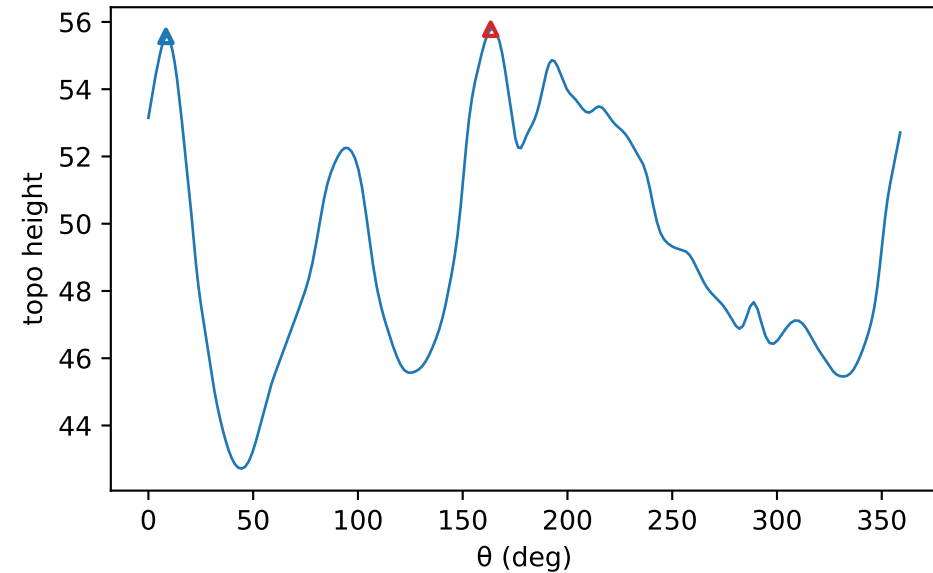
Outline



Topographical polar representation

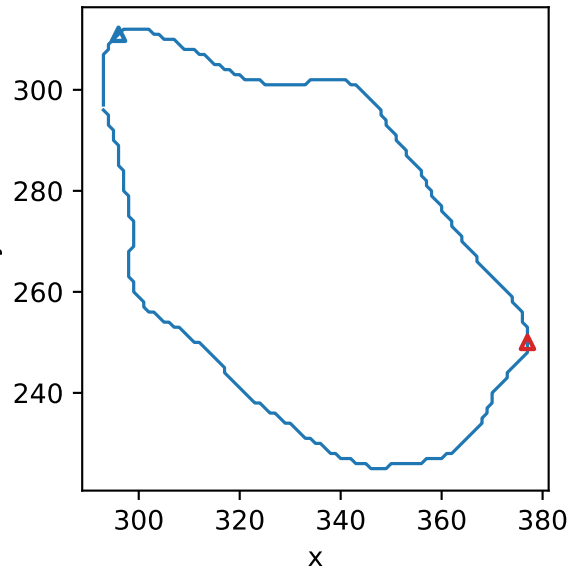


Topographical  $\theta$ -height

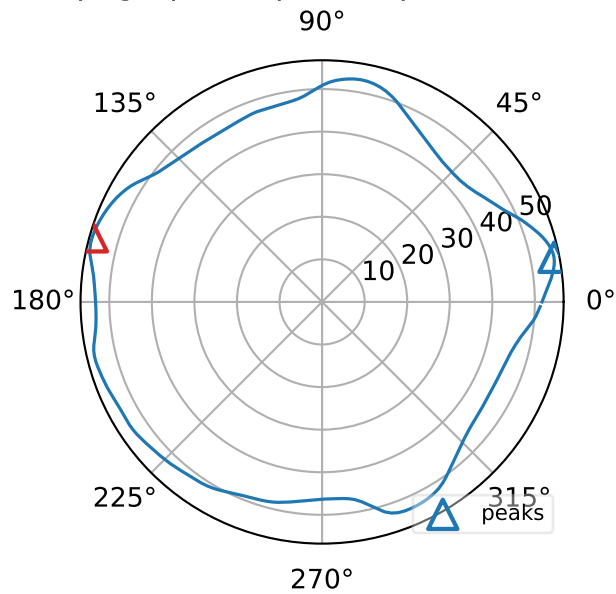


Frame 117 | t=117.000

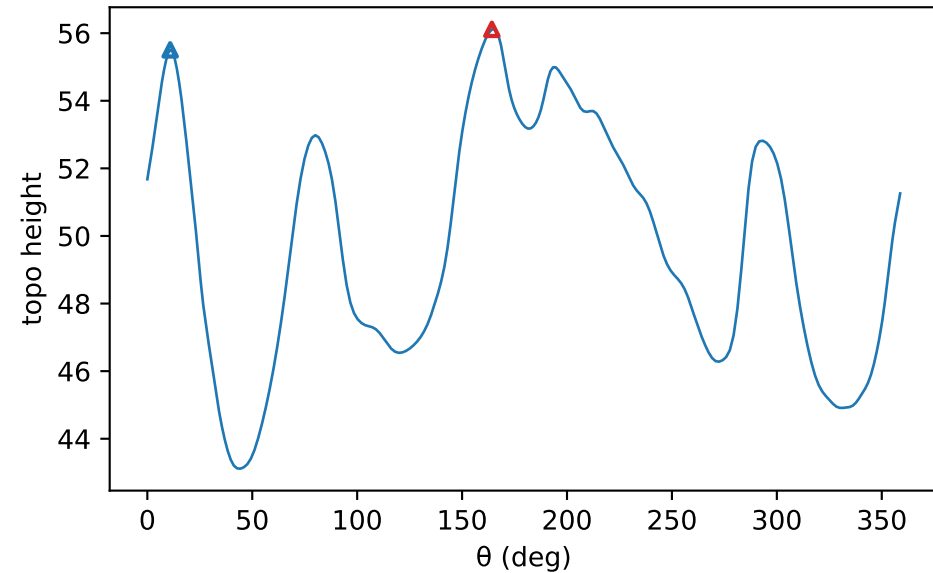
Outline



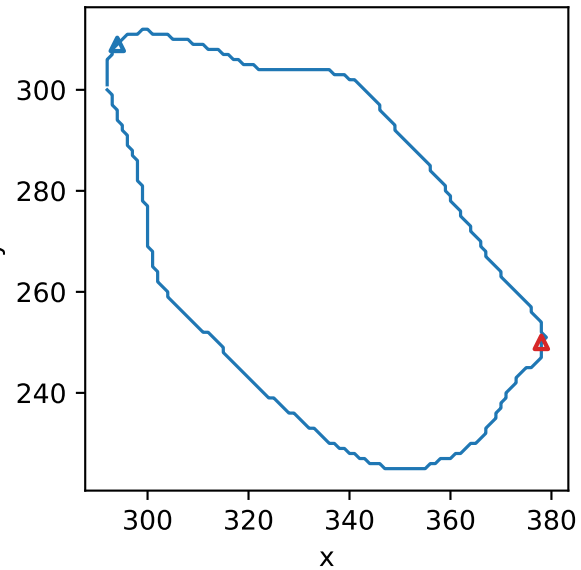
Topographical polar representation



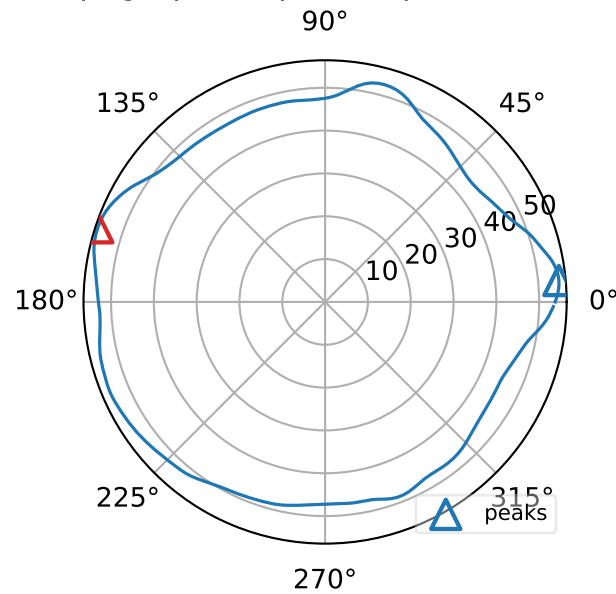
Topographical  $\theta$ -height



Outline



Topographical polar representation

Topographical  $\theta$ -height