Problem 3.9.4 (see matlab code for details)

- fine sidelobe control can be achieved by choosing small sectors, and small loading increment (α). Faster convergence and lower complexity is obtained with ~~the~~ larger sectors and α.
- The sidelobe region is initially set to that obtained with uniform weighting ($\pm 2/N$ for $\lambda/2$ ULA).
- mainbeam region tested for with
  - (i) Beampattern above threshold
  - (ii) Decreasing on right, increasing on left.
- parameters: $\Delta = 0.01$, $\alpha = 0.15$, $\lambda_0 = 1$.
- pattern essentially same as Dolph-Chebychev