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Cubic Spline : Airy Disc

- One matlab file — `cubicSpline.m` — has been attached with the submission.
- The matlab function `cubicSpline.m` implements the Cubic Spline interpolation.
- It accepts two vectors `x` and `y` as arguments, which are the data points from the experiment, which it will use for interpolation.
- The input vectors must be in the order of increasing distance from the center of the disc.
- The function automatically generates and uses the remaining half of the data.
- It returns a vector that has 1000 interpolated values between each interval of the supplied data.
- According to the interpolated data, the first minima appears to occur around $3.8\ (units)$.

Output