Zamberletti algorithm was applied using opencv and pyzbar library to detect and decode the barcodes from the snap.

There are three main methods of this proposed barcode detection and decoding process. They are: Preprocessing or Localizing, Barcode decoding and Barcode displaying.

https://github.com/BenSouchet/barcode-datasets?tab=readme-ov-file#arte-lab-medium-barcode-1d-1