Digital Image Processing - Assignment 02

Implement the Marr-Hildreth edge detector:

- c. Write a function called Zero-crossing that calculates the zero crossings in an image. (set a pixel to 1 if it is a zero crossing and 0 otherwise.)
- d. Apply the detector to the given images (Lena and headCT) and display the result.
- e. Summarize the difference and your findings while choosing various parameters. (window size, σ , threshold)

^{*}Please check the code example if you have no idea how to implement. You still have to write your functions or find appropriate functions in toolbox to support this implementation.