The recognition of shape is a method aiming the identification of the motives from raw data in order to take a decision depending on the category assigned to this motive. The method of motive detection by cross-correlation is a very efficient method in recognition of shape. Indeed, it permits to localize an object in an image. But, the value of the cross-correlation depends more of the level of gray of the image. In this article one proposes a solution of this inconvenience based on the Fourier Transform where by exploiting its phase for to localize an object while giving its position in the image.

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