

Project 2: Feature Detection and Matching

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CSC-414 Introduction to Computer Vision

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March 31, 2020

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$$m(x, y) = \sqrt{(L(x+1, y) - L(x-1, y))^2 + (L(x, y+1) - L(x, y-1))^2}$$

$$\theta(x, y) = \arctan (L(x, y+1) - L(x, y-1)) / (L(x+1, y) - L(x-1, y))$$