ID: 209285055

Full name: Amit Weinstock

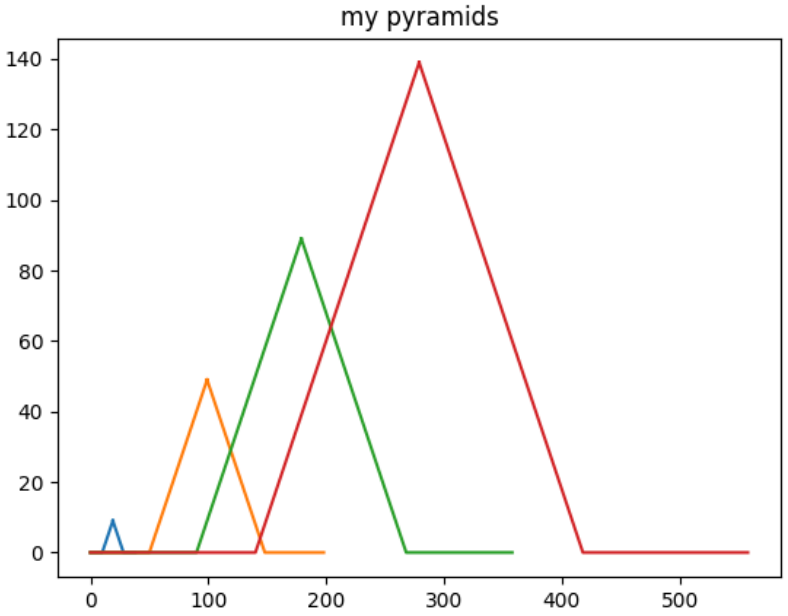
Photo:

Source code (also attached here…) can be found at:
https://github.com/amitosw15/intro_into_cv/tree/main

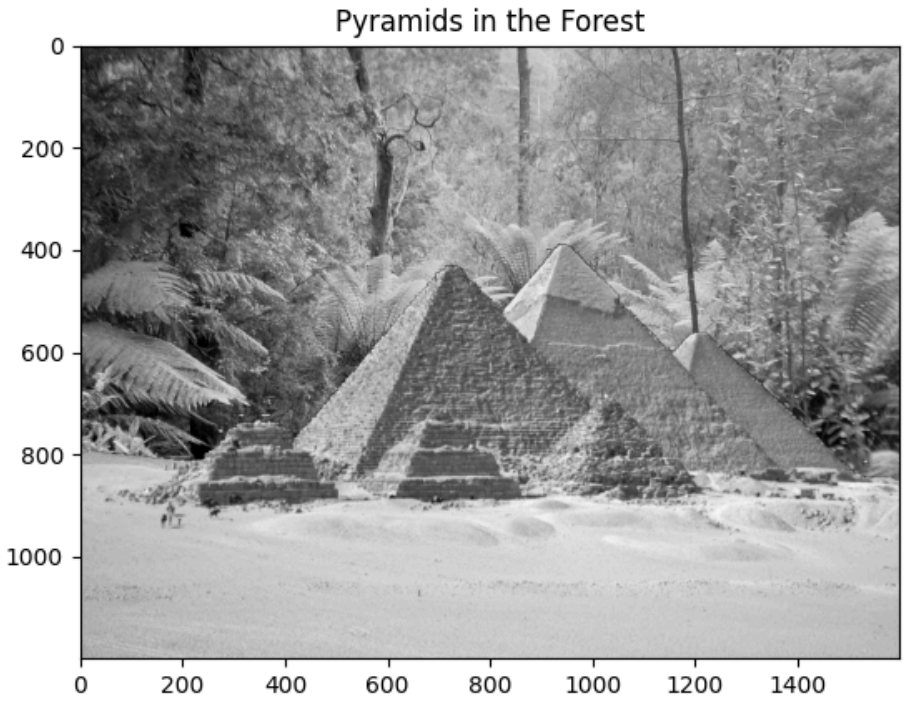
Project 1:

1.2:

Had to perform 3 changes: Flip vertical points order, remove the base line, and to concat in opposite order to given.



1.3:



as the clue suggested:

1. Changed the size of the images to be the same.
2. Create a mask of the pyramid image for each pixel where value > 0 .
3. Overlayed the forest photo with the pyramids using the mask.

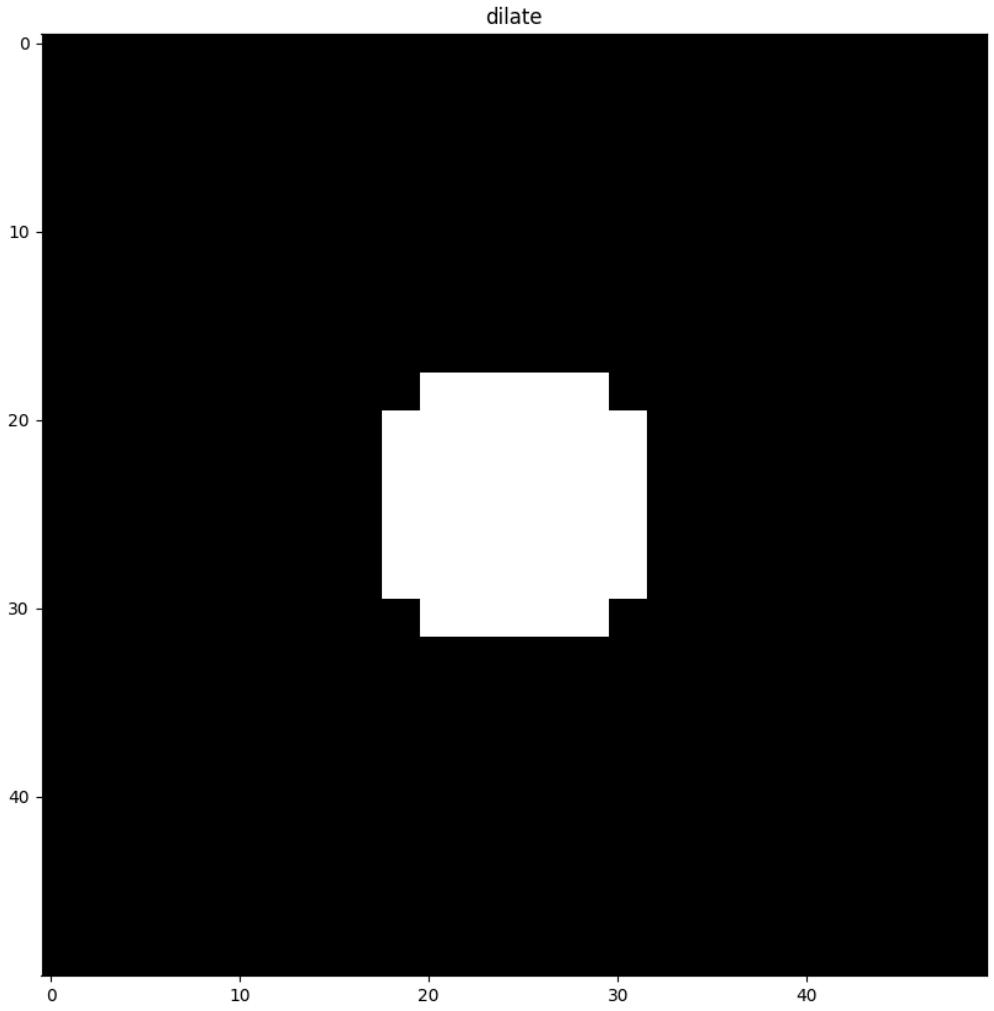
Project 2:

For this exercise, I created a func called cross_correlation. It implements the cross correlation from class. I also implemented theta as we saw on class.

2.2:

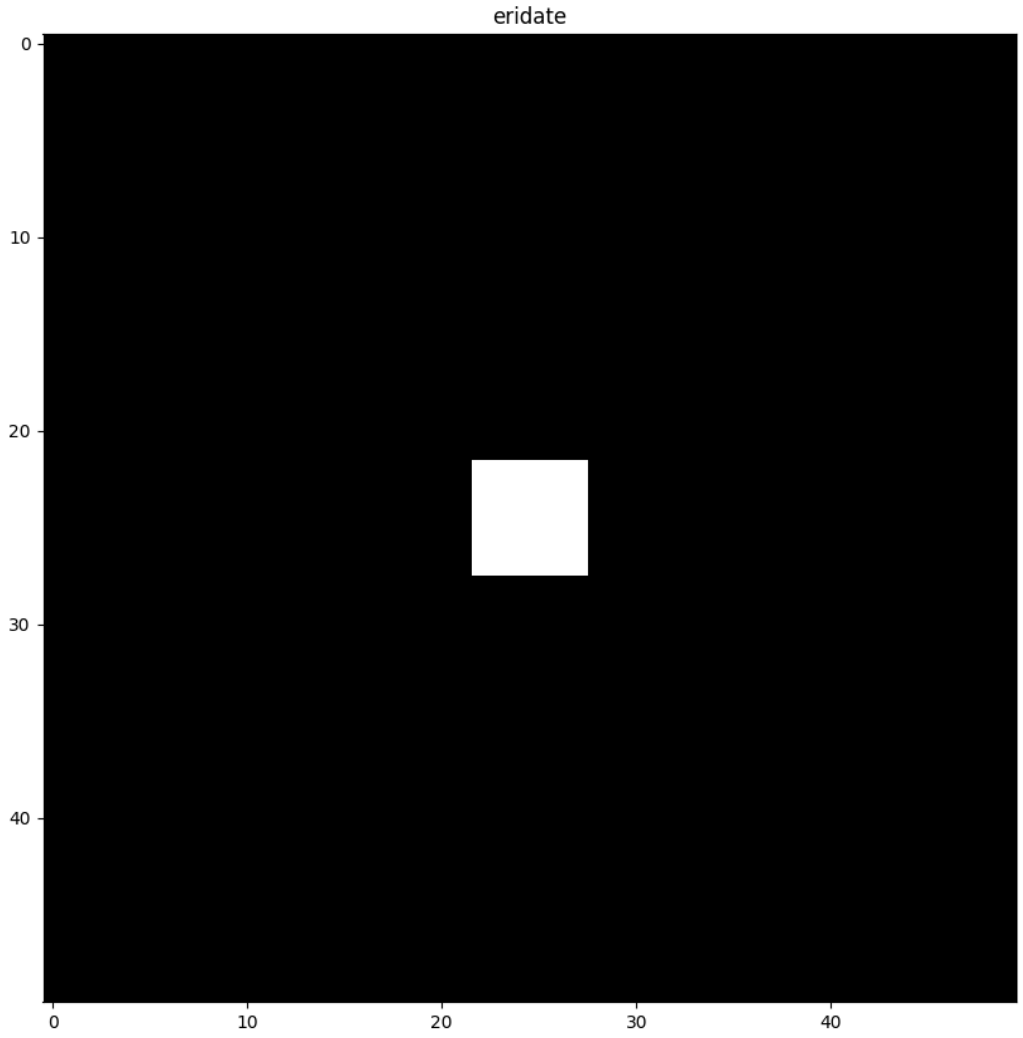
dilate:

we saw on lecture that dilate is $\Theta_{th}(f \star g, t = 1)$



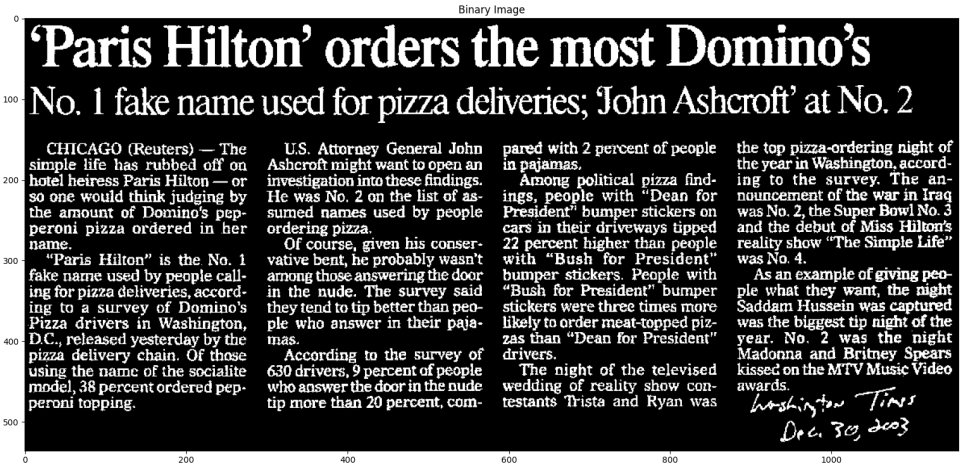
erode:

we saw on lecture that erode is $\Theta_{th}(f \star g, t = sum(g)$



2.3:

Binary:



'Paris Hilton' orders the most Domino's

No. 1 fake name used for pizza deliveries; 'John Ashcroft' at No. 2

CHICAGO (Reuters) — The simple life has rubbed off on hotel heiress Paris Hilton — or so one would think judging by the amount of Domino's pepperoni pizza ordered in her name.

"Paris Hilton" is the No. 1 fake name used by people calling for pizza deliveries, according to a survey of Domino's Pizza drivers in Washington, D.C., released yesterday by the pizza delivery chain. Of those using the name of the socialite model, 38 percent ordered pepperoni topping.

U.S. Attorney General John Ashcroft might want to open an investigation into these findings. He was No. 2 on the list of assumed names used by people ordering pizza.

Of course, given his conservative bent, he probably wasn't among those answering the door in the nude. The survey said they tend to tip better than people who answer in their pajamas.

According to the survey of 630 drivers, 9 percent of people who answer the door in the nude tip more than 20 percent, compared with 2 percent of people in pajamas.

Among political pizza findings, people with "Dean for President" bumper stickers on cars in their driveways tipped 22 percent higher than people with "Bush for President" bumper stickers. People with "Bush for President" bumper stickers were three times more likely to order meat-topped pizzas than "Dean for President" drivers.

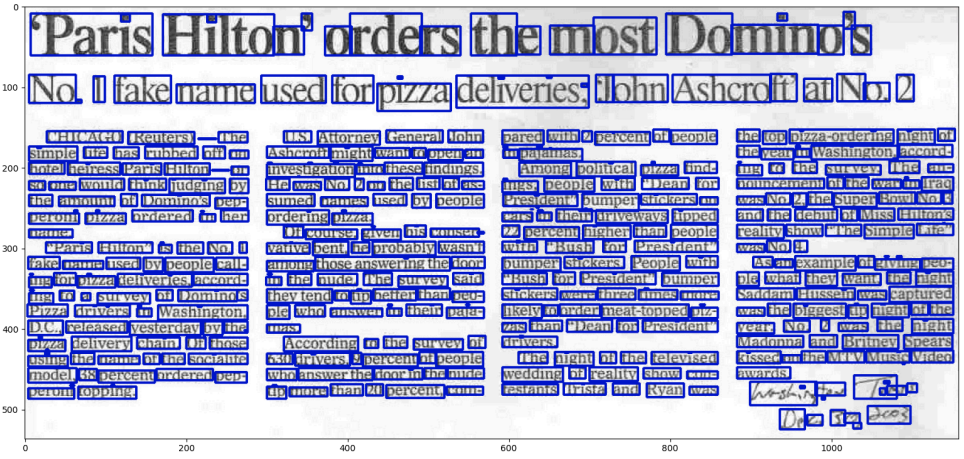
The night of the televised wedding of reality show contestants Trista and Ryan was the top pizza-ordering night of the year in Washington, according to the survey. The announcement of the war in Iraq was No. 2, the Super Bowl No. 3 and the debut of Miss Hilton's reality show "The Simple Life" was No. 4.

As an example of giving people what they want, the night Saddam Hussein was captured was the biggest tip night of the year. No. 2 was the night Madonna and Britney Spears kissed on the MTV Music Video awards.

Washington Times
Dec. 31, 2003

all words:

I dalited with a kernel with size: 4 columns, 1 row.



title:

I used erode to eliminate small items, and then dilated with a bigger kernel(so letter will touch wach other)