

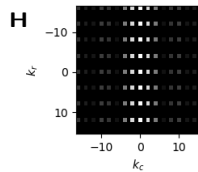
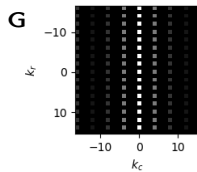
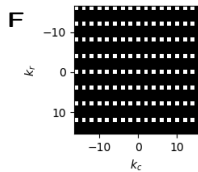
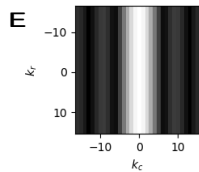
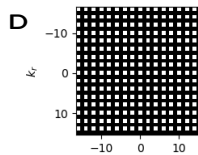
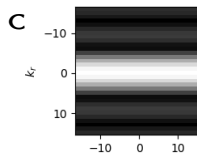
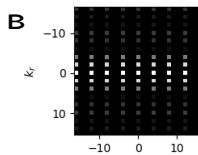
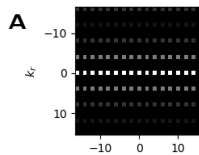
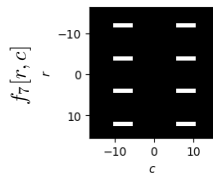
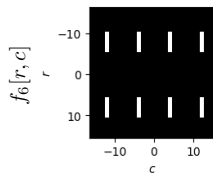
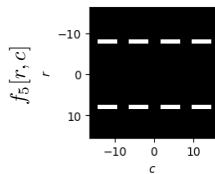
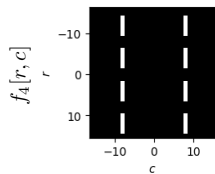
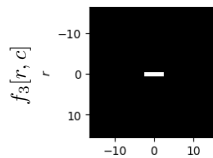
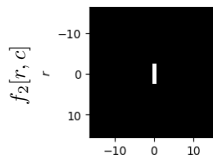
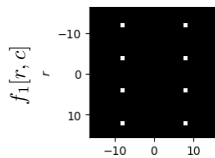
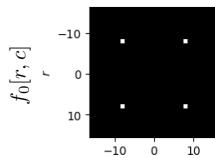
6.003: Signal Processing

Practice Problems

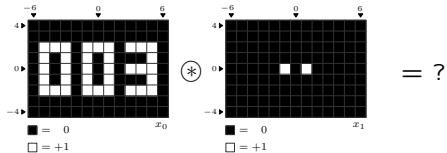
November 23, 2021

Two-Dimensional Patterns

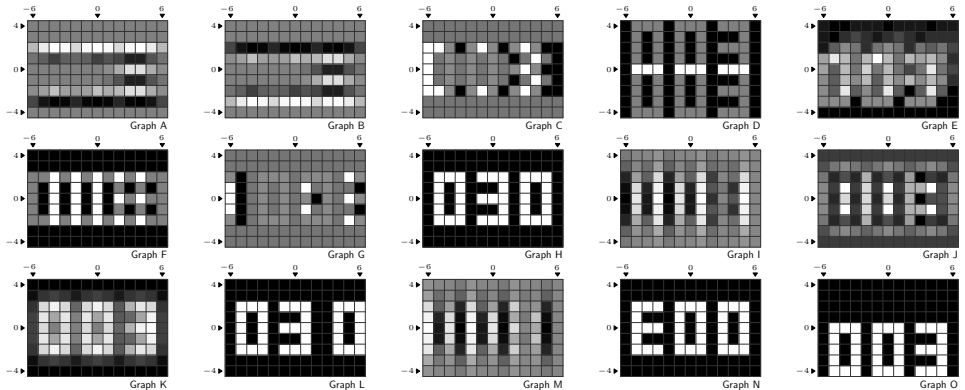
Which of A-H corresponds to each of f_0-f_7 ?



Circular Convolution

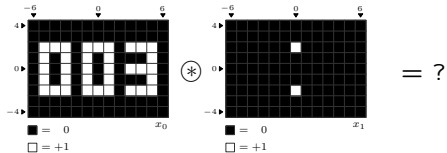


Which of the following images shows the circular convolution of the images above?

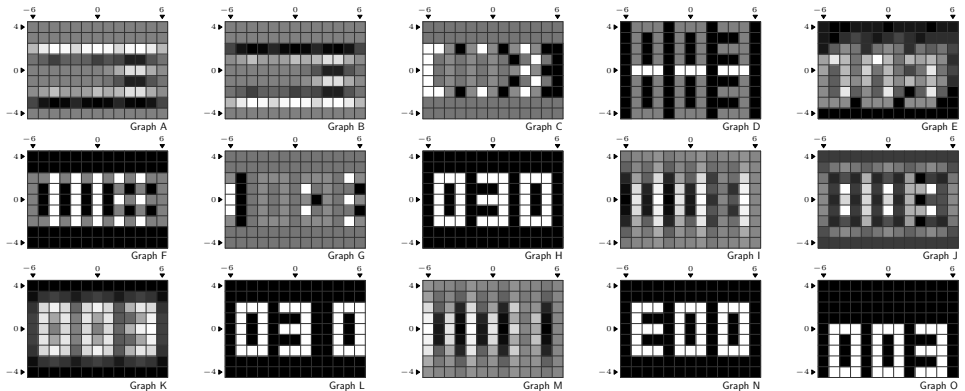


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution

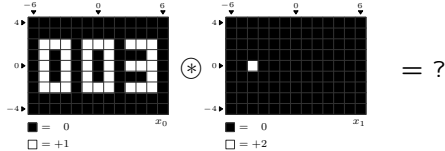


Which of the following images shows the circular convolution of the images above?

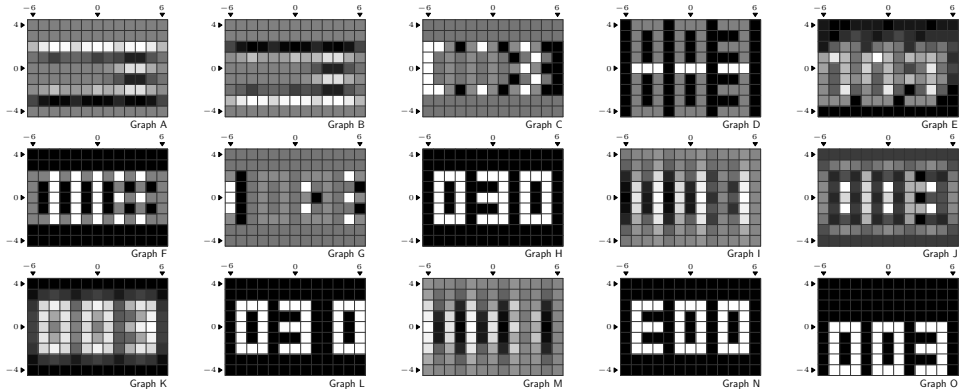


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution

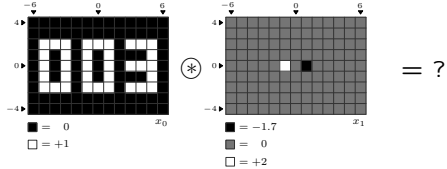


Which of the following images shows the circular convolution of the images above?

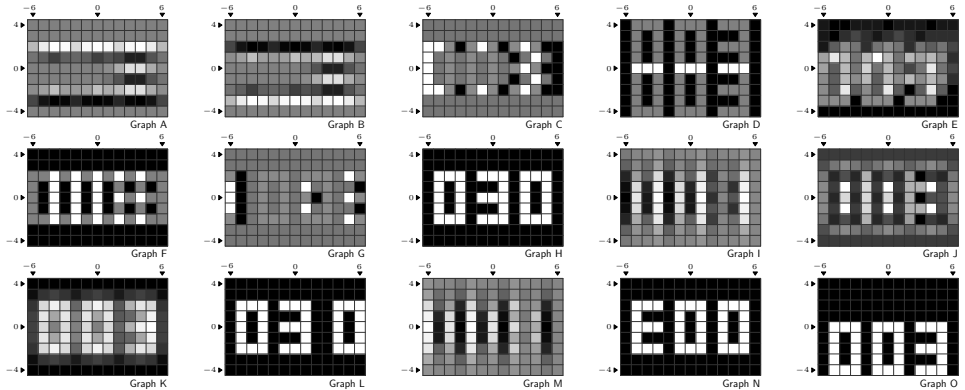


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution

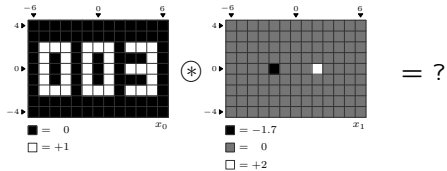


Which of the following images shows the circular convolution of the images above?

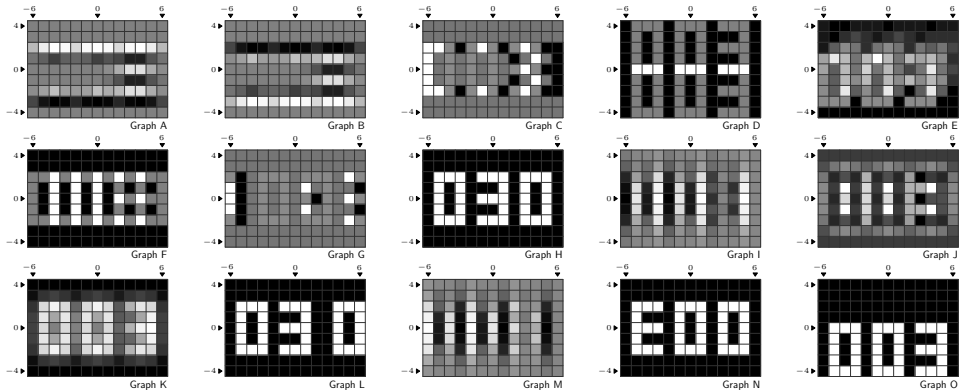


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution

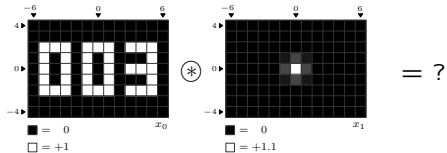


Which of the following images shows the circular convolution of the images above?

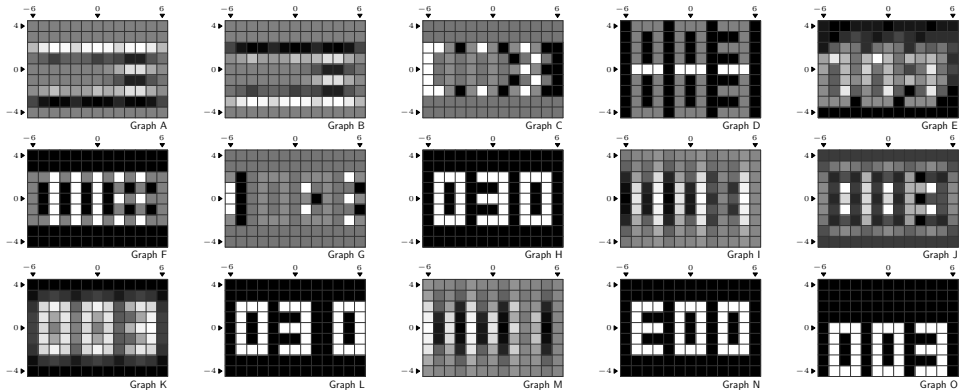


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution

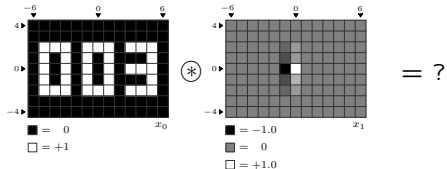


Which of the following images shows the circular convolution of the images above?

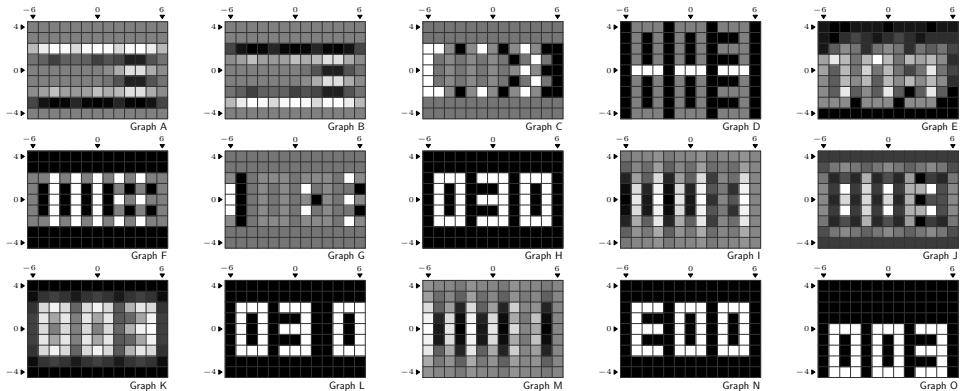


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution

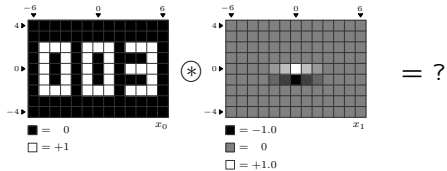


Which of the following images shows the circular convolution of the images above?

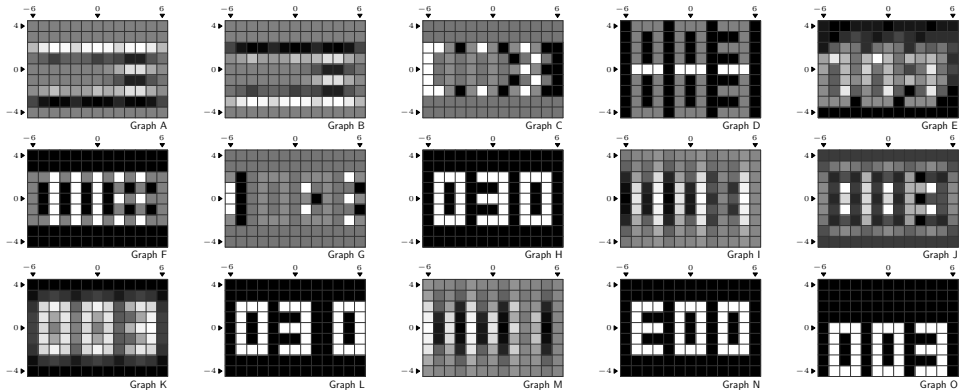


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution

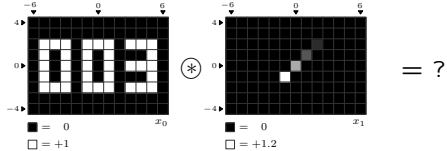


Which of the following images shows the circular convolution of the images above?

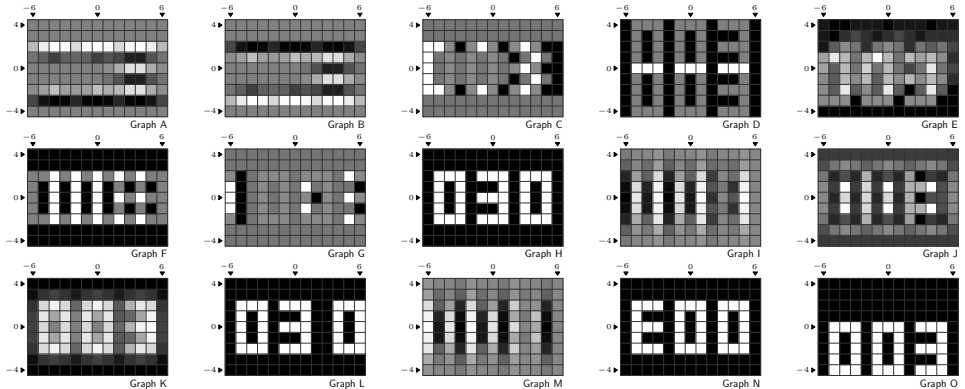


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution

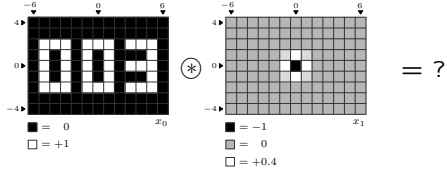


Which of the following images shows the circular convolution of the images above?

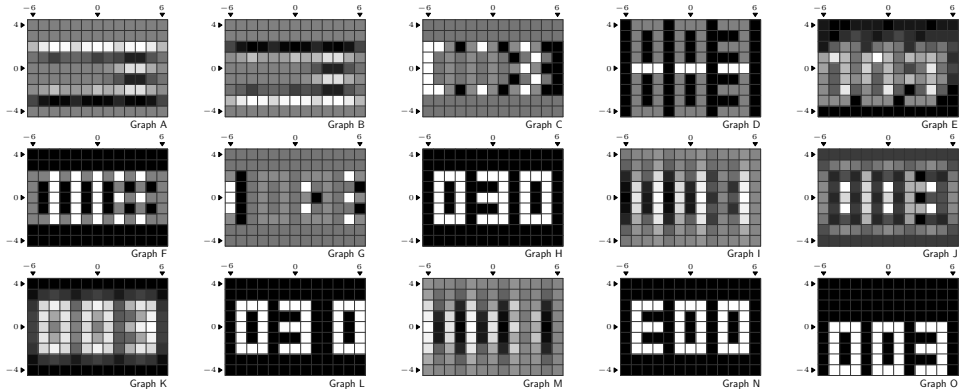


In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).

Circular Convolution



Which of the following images shows the circular convolution of the images above?



In each image, black represents the most negative value (not necessarily 0) and white represents the most positive value (not necessarily 1).