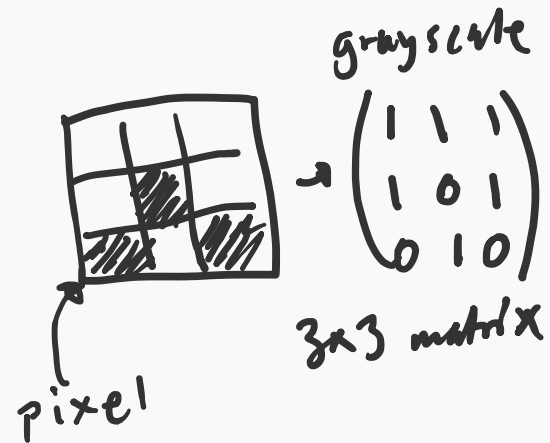


kokchun giang

images are simply **matrices** of numbers which we can process using linear algebra



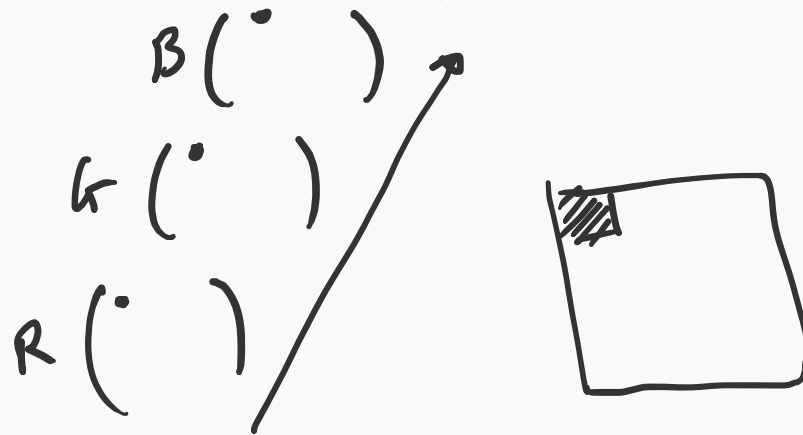
images are **matrices**, pixels are **elements**



an element in  
the matrix  
corresponds to  
a pixel

intensity of the pixel  
depends on the values  
in the matrix

Color images



a pixel's color is  
determined by proportion  
of R, G, B in that  
pixel's position