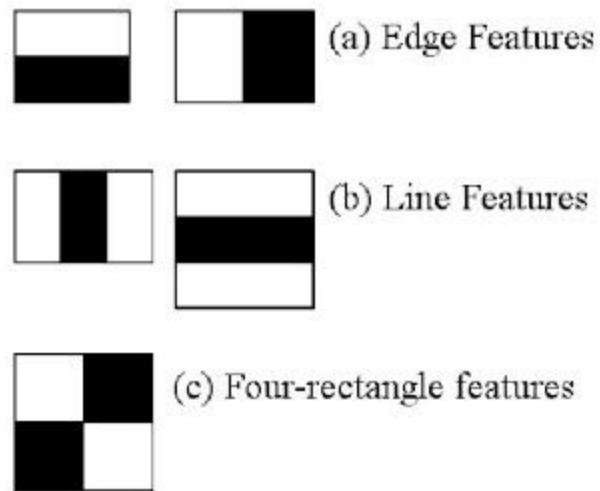


Haar Cascade Object Detection

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Description: A Haar Cascade is a common way to do object detection in OpenCV. The algorithm is trained using positive images (images of the enemy armor) and negative images (images without enemy armor). This is used to extract features from the images so we can classify in the future.



Example of features in Haar Cascade

https://docs.opencv.org/3.4/db/d28/tutorial_cascade_classifier.html

How it can be used: Basically, we can train the Haar Cascade on video from Robomasters and use it to identify the robots.