



Note: Objects are different in each pictures

This is the original image of the object



This is gray image of the object



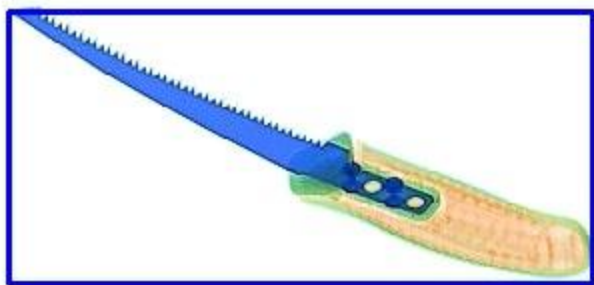
I make it darker with splitting all the channels and the keeping the most dark among them



After doing some preprocessing , the mask of object is shown in the above figure
It can now separate out the object from background



The points are the extreme points of the object calculated to crop out the object



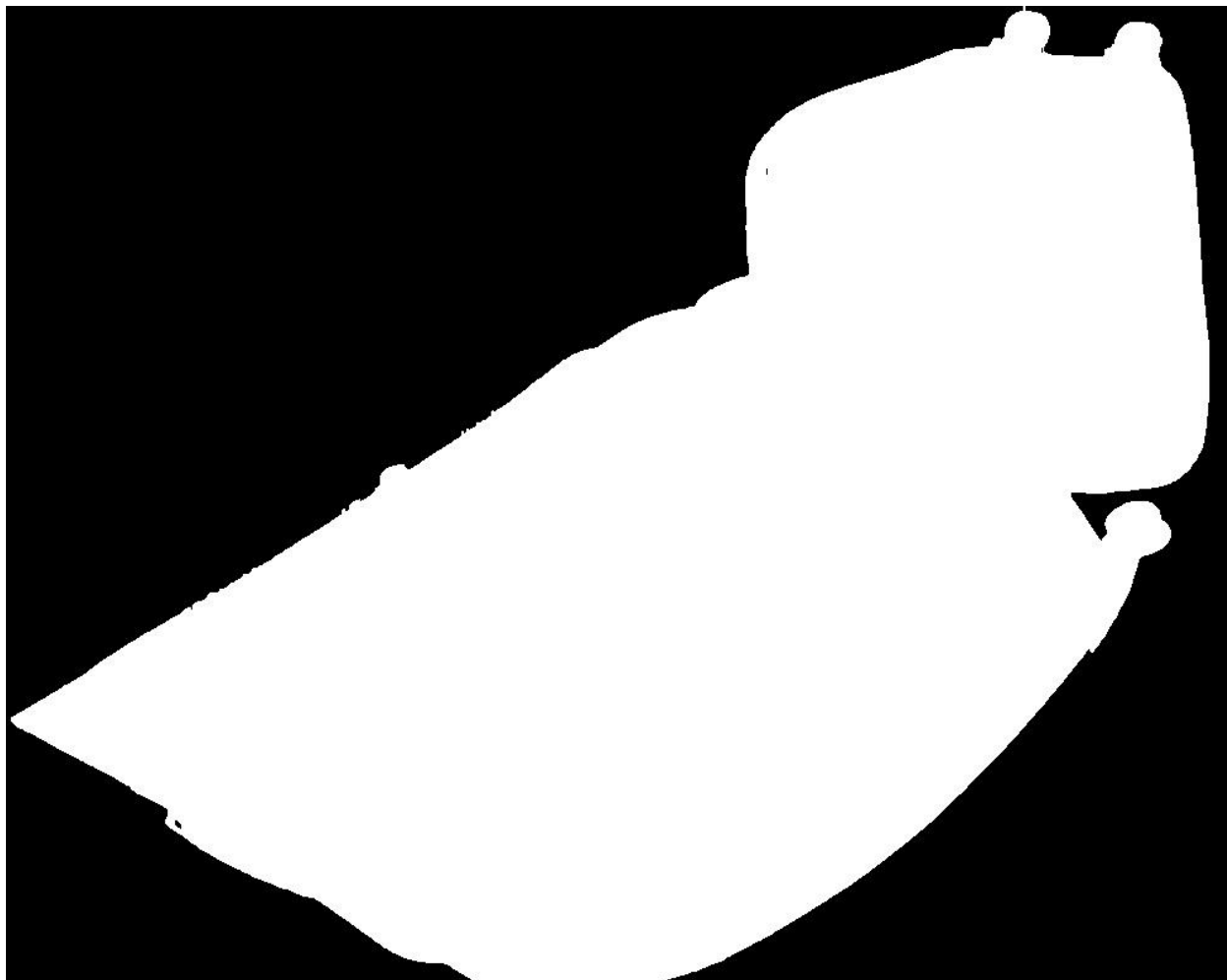
Here is the rectangle bounded which is cropped off from the entire image



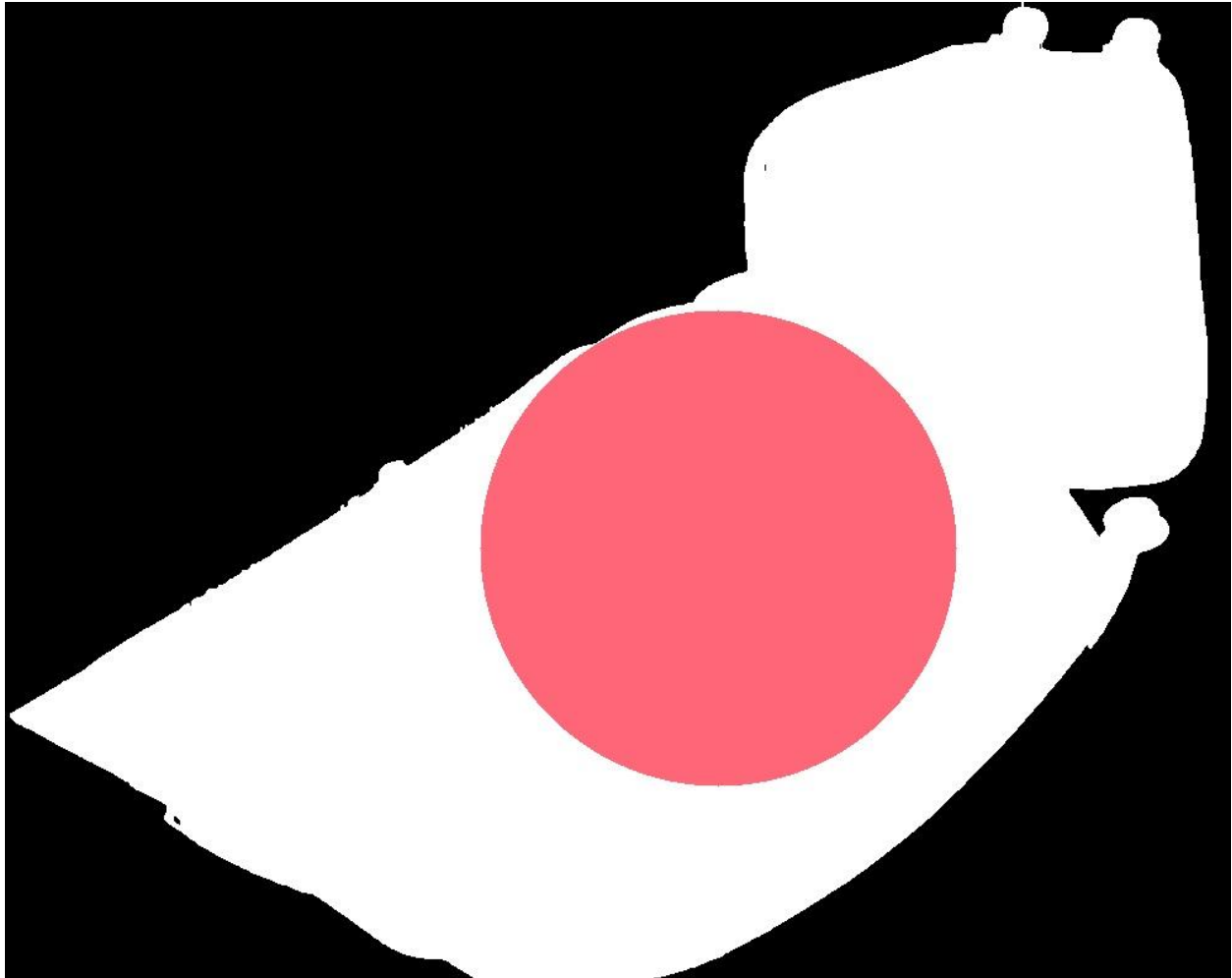
after rotating it , we lose some of the object area



To overcome the issue of losing area while rotating i have added some white space along the columns



Here is the mask of the background object



This circles shows that it can be easily fit under the background object
So over objective is to paste the threat_object under this circle somehow

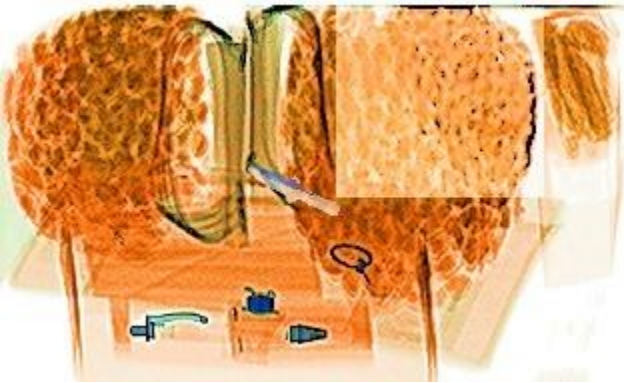
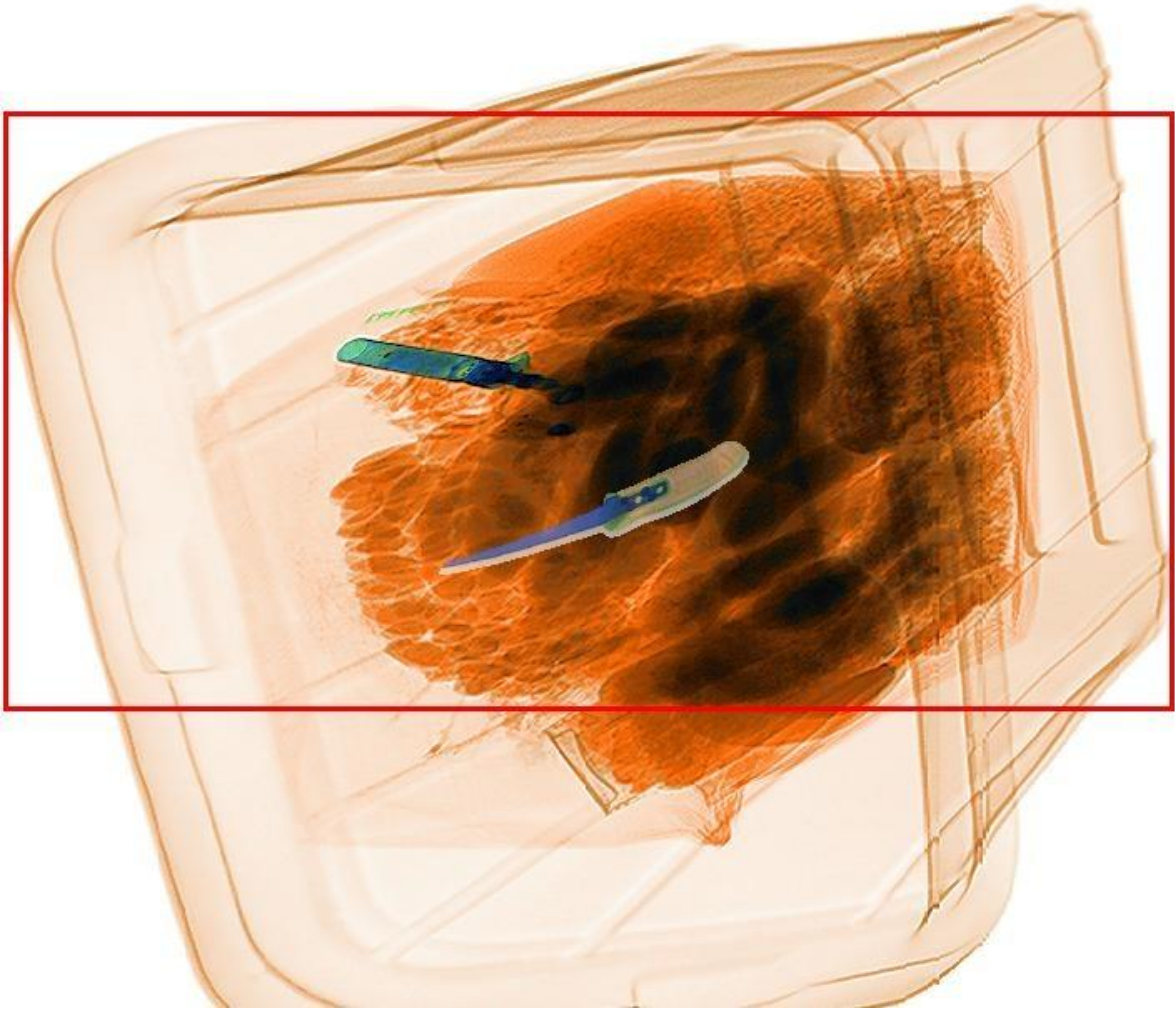


This is the just overlapping of background and threat_object



Varying some alpha the required translucent result is obtained
And some examples of final works are given below





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