import numpy as np

import matplotlib.pyplot as plt

import cv2

def Background\_Blend (Background, New\_Img, alpha):

A = Background \* alpha + New\_Img\*(1-alpha)

A.astype(type=int)

#A=cv2.addWeighted(Background,alpha,New\_Img,1-alpha,0)

return(np.array(A))

video = cv2.VideoCapture('Vid\_Test.avi')

(booli,Fond) = video.read()

k=0

while booli:

video.grab()

video.grab()

(booli,img1) = video.read()

k+= 1

name = 'img'+str(k)+'.jpg'

if booli:

#res1=np.abs(Fond- img1)

print(Fond.shape, img1.shape)

res1= cv2.absdiff(Fond, img1)

cv2.imwrite(name,res1)

Fond = Background\_Blend(np.array(Fond), np.array(img1),0.9)