```
To Optional submission - Daniel Puerte Ramirez clear;
clear;
close all force;
close all force;
close all force;
video_name = Videoungel;
name = strapilitiviseo_name, ';
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nande = strapilitiviseo, name);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             disp('Se ha encontrado un fichero de fondo en el directorio local. Cargando...');
load(fondo_file);

    ( disp('Calculando el fondo del video, este proceso puede tardar un rato no muy largo');
fondo = calcular_fondo(video_file, fondo_file);

Code a Video-ReaderVideo, Sie):
displ / Anticardon. );
function 2 in indicated by the Code of the Code
                                                                                                                                                                                          n_frame = n_frame + 1;
frame = readFrame(video);
                                                                                                                                                                                     FarmeD = im2double(frame);
frameGris = im2double(frame);
frameGris
                                                                                                                                                                                          [, num] = bwiabei(imgArea);
rect=regionprose(L_BoundingBox');
rpop = regionprose(L_Bi);
[allo_w_j=size(irame);
[al
                                                                                                                                                                               [mod(n_frame, jump) == 0]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            {
    bb= rect(k).BoundingBox;
    centro = rprop(k).Centroid;
    text(centro(1)+250, centro(2),***, 'FontSize',20,'Color','g');
}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ectangle("Position",[bb(1)+250,bb(2),bb(3)+100,bb(4)],*LineWidth',2,*EdgeColor',*c'),}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ContifAct+contifAct+1;
rectangle(Position,Tgbt)(1)+250,bb(2),bb(3)+100,bb(4)],LineWidth',2,'EdgeColor','r';
line(x,[limbu] misup].Color','r';
line(x,limbu] misup].Color','r';
| {
| waitfor(msgbox(['Se han encontrado ',num2str(cont), 'baterias']) |
| disp(['Se han encontrado ',num2str(cont), 'baterias']) |
```