# DETECTION OF CONCENTRIC CIRCULAR PATTERNS THROUGH FILTERS, OVAL DETECTION AND METAHEURISTICS.

#### **ESTUDIANTES:**

LÓPEZ CÁCERES, JORGE ROBERTO MAURICIO CONDORI, MANASSES ANTONI

#### **PROFESOR:**

DSC MANUEL EDUARDO LOAIZA FERNÁNDEZ IMÁGENES

UNIVERSIDAD CATÓLICA DE SAN PABLO MAESTRÍA EN CIENCIAS DE LA COMPUTACIÓN

15 DE FEBRERO, 2018

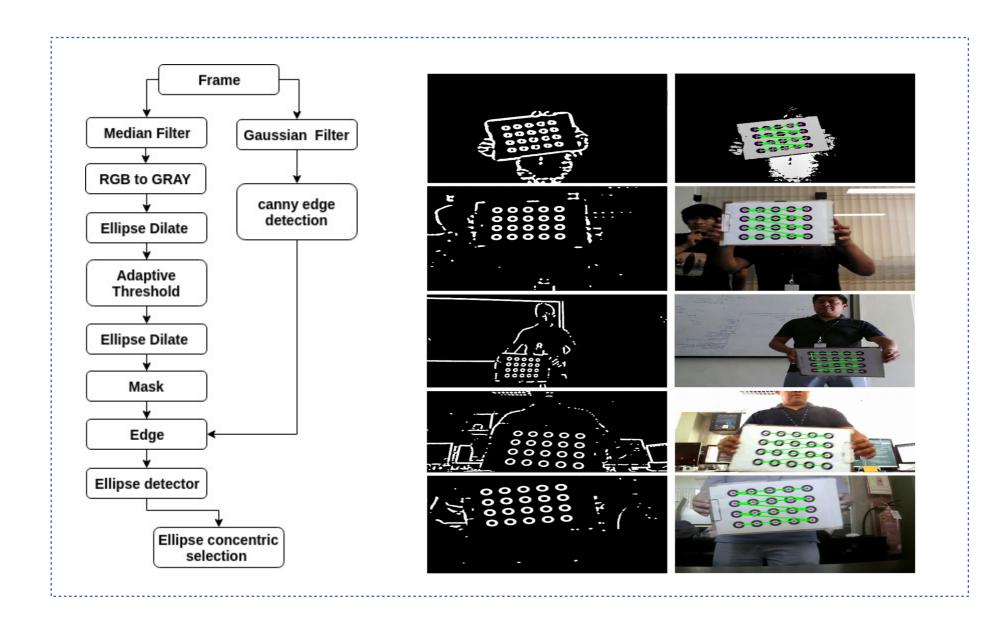




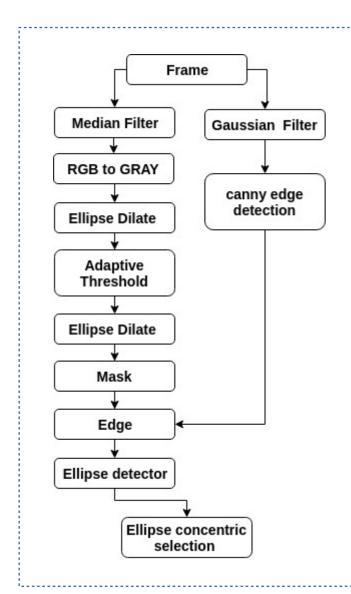




#### PREVIAMENTE ...

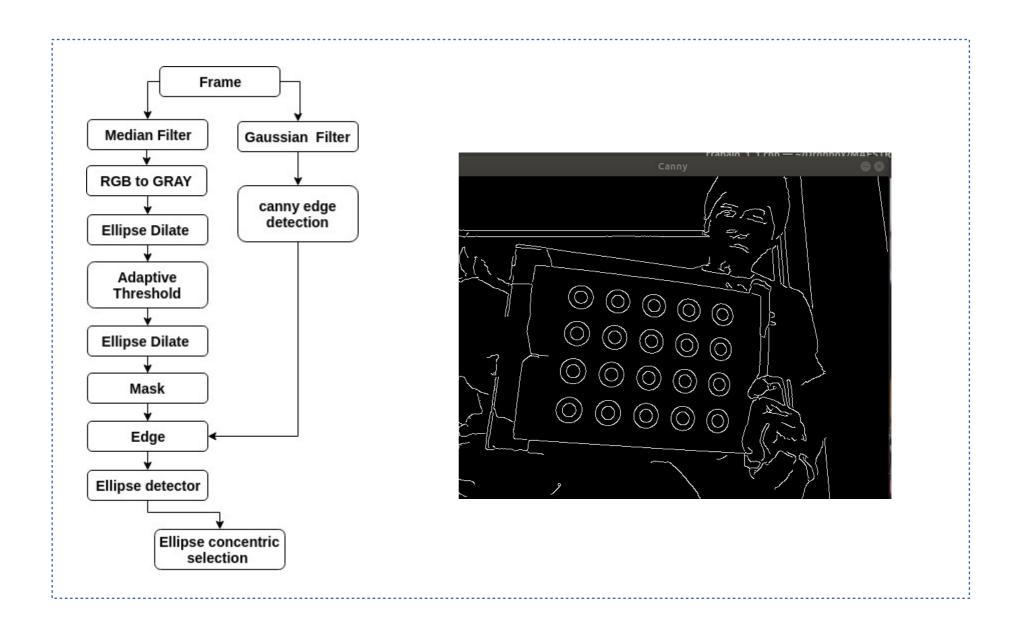


#### PIPELINE GAUSSIAN

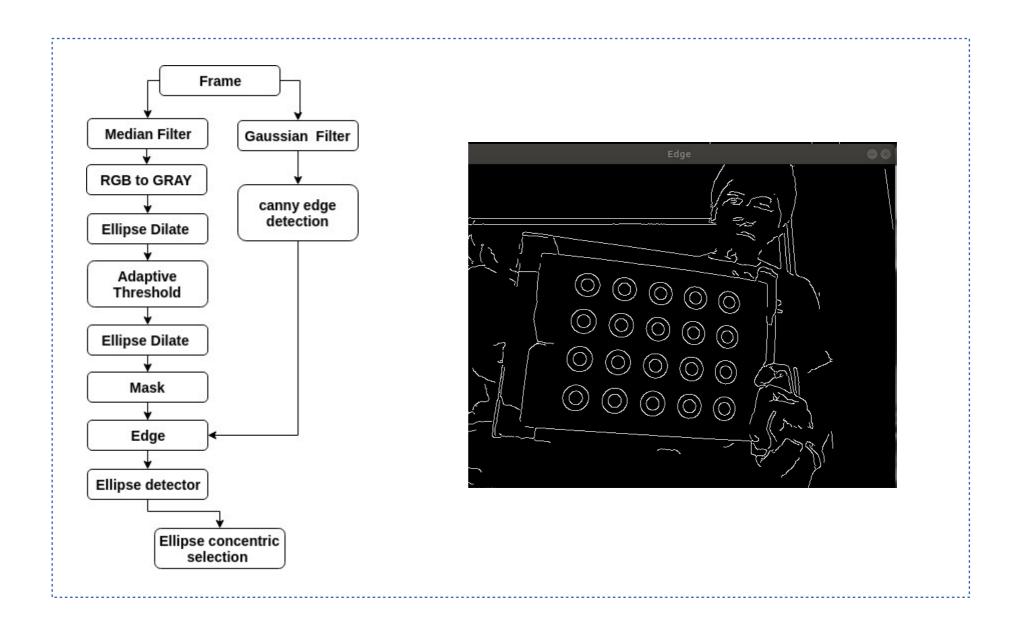




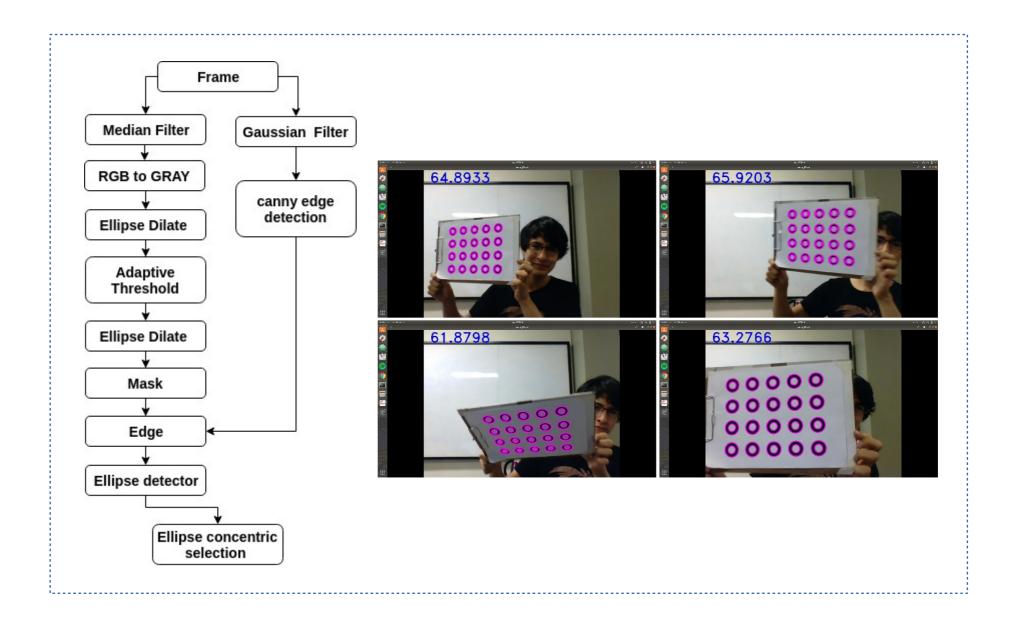
### PIPELINE CANNY EDGE DETECTION



#### PIPELINE EDGE



#### PIPELINE ELLIPSE CONCENTRIC SELECTRION



## **RESULTADOS MALOS**

