RAW Image

LOGICAL AND

RGB-Thresh

DRGB-Thresh

Contour Generation

Contour Area Check

Convexity Check

BBOX Area andAspect Ratio Check

EDGE-Detection

TRAINED NETWORK

Classification from ML

Edge Oriented Histogram

Peak Detection

Peak Verification

ISOMETRIC-WEIGHTING

GCP-Location

Edge Detection Algorithm

ROI

Automatic Canny
from Otsu-thresh

No. of edge-pixels-check

LOGICAL AND

RGB ⊗ DRGB

Contour Area Check

Convexity

BBOX Area

BBOX Aspect Ratio

Number of BBOX
Check

Max Area Contour
detection

Contour Filling

LOGICAL AND

⊗

Distance Transform

Noiseless
Edge Image