Descriptive information can be derived from blobs:

[- Moments of area (How to characterise a blob?] - Chain codes Colours distribution - used to trace the object outline; follows pixels on boundary

- can be applied inside or outside the image

- it represents the direction of the jump to the next pixel (O shows you whereto

- position independent but orientation dependent

- even codes length = 1 - odd codes length = To (litagora's theorem 1 1/2) - Kerimeter length = # even + 12 # odd (#YOLO) -> for all boundaries we make this own 0-forward a: $\frac{1}{4}$ $\frac{2}{4}$ $\frac{3}{4}$ $\frac{4}{5}$ $\frac{5}{6}$ $\frac{2-\text{right}}{4-\text{back}}$ $\frac{4-\text{back}}{6-\text{left}}$ $\frac{6-\text{left}}{131517-\text{in between}}$ - Area = some of all codes depending on the direction
- his measured from on arbitrary datum Moments of area - method for characterizing a blob

- $M_{d\beta} = \sum_{image} x^{d}y^{\beta}f(x_{i}y) = pum$ over the image where $\begin{cases} -x_{i}y = coordinate of the image \\ -f(x_{i}y) = blob map - binary \\ 0 - outside \end{cases}$ 1-inride the blob - when L=B=0=> the moment is the area of the blob (Moo) - M10 = average of x values of the blob i centre of gravity of the blob; centroid

de Description