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$^{\circ}YCrCb$ $^{\circ}HSI$

$^{\circ}YCrCb$ $^{\circ}NTSC$

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RGB

HSI

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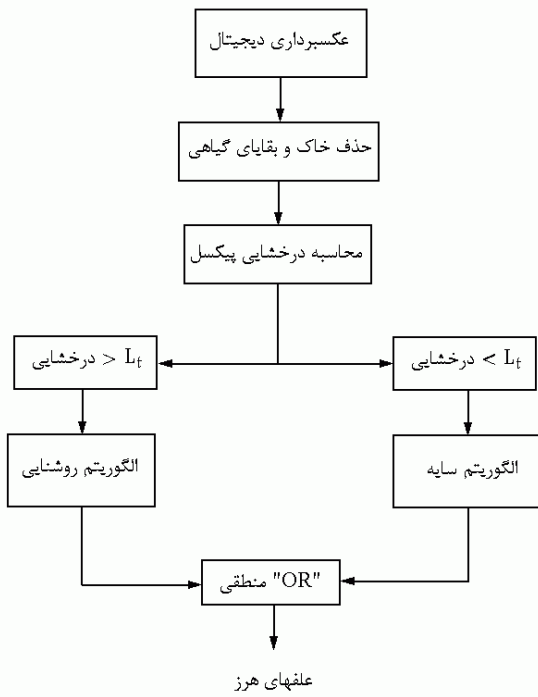
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8. Co-occurrence matrix

9. Entropy

- 1. Hue, Saturation, Intensity
- 2. Hue
- 3. Light intensity
- 4. Color spaces
- 5. Luma, Chrominance
- 6. National Television Standards Committee
- 7. Chromaticity

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G

R, B

$$G > \frac{R+B}{2} \Rightarrow 2G - R - B > 0 \quad ($$

() $2G-R-B$

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1. Luminance

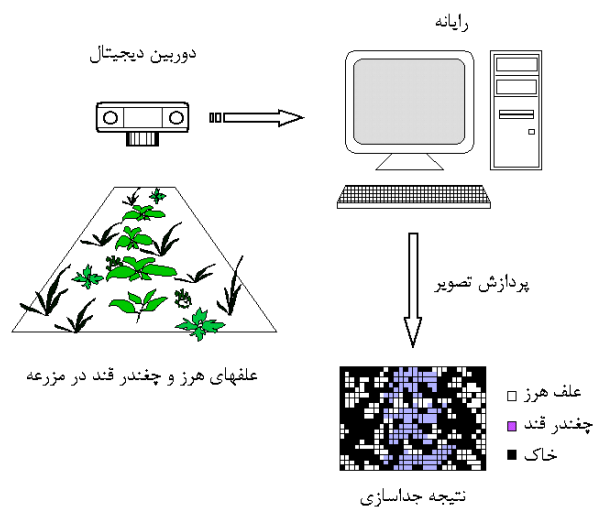
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JPEG

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MATLAB

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$$L = \frac{1}{3}(R + G + B) \quad (1)$$

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1. Gray level
2. Threshold
3. Resize

RGB

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(R)

DF7 DF1

IF 0.371 B - 0.114 G > 0.0195 THEN f(i,j) = 1 (

IF 0.371 B - 0.114 G < 0.0195 THEN f(i,j) = 0 (

$$DF_n = b_1 R + b_2 G + b_3 B$$

n n n

B G R DF_n

b₃ b₁

OR

()

(L_t)

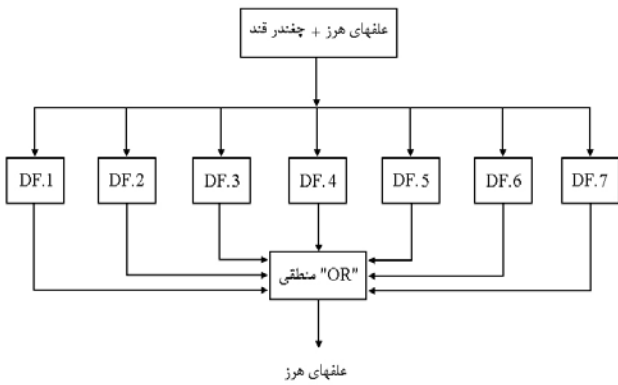
IF L(i,j) < L_t THEN f(i,j) = 0 ELSE f(i,j) is kept up. (

IF L(i,j) > L_t THEN f(i,j) = 0 ELSE f(i,j) is kept up. (

L(i,j)

(i,j)

f(i,j)



()

(DF7 DF1)

()

DF.1 = 0.371B - 0.114G (

1. Binary
2. Logical OR

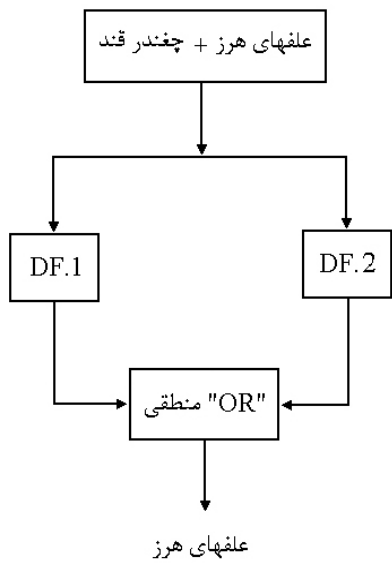
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() OR

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