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kelas: 3-A

Hitung konversi citra biner dgn T (three Shift) yg sudah ditentukan

diket:  $T = 110$

213, 80, 155

24, 60, 122

212, 9, 19

211, 200, 155

153, 155, 154

8, 8, 100

213, 222, 12

15, 25, 155

143, 100, 123

Jwb.

Basis 1

1) 213, 80, 155

R G B

$$I = (0.2989 \times 213) + (0.5870 \times 80) + (0.1140 \times 155)$$

$$= 63.6657 + 46.96 + 17.67$$

$$= 128.30 \geq 110 = 1$$

Basis 3

1) 213, 222, 12

2) 24, 60, 122

R G B

$$I = 7.1736 + 38.22 + 13.908$$

$$= 56.30 \leq 110 = 0$$

$$I = 63.6657 + 130.34 + 1.368$$

$$= 195.35 \geq 110 = 1$$

3) 212, 9, 19

$$I = 63.3668 + 5.283 + 2.166$$

$$= 70.82 \leq 110 = 0$$

$$I = 4.4835 + 14.675 + 17.67$$

$$= 36.83 \leq 110 = 0$$

Basis 2

1) 211, 200, 155

$$I = 63.0679 + 117.14 + 17.67$$

$$= 198.23 \geq 110 = 1$$

$$I = 42.2237 + 58.7 + 14.022$$

$$= 114.94 \geq 110 = 1$$

hasil akhir dari konversi biner

1	0	0	Baris 1
1	1	0	" 2
1	0	1	" 3

2) 153, 155, 154

$$I = 45.2217 + 90.985 + 17.556$$

$$= 153.76 \geq 110 = 1$$

3) 8, 8, 100

$$I = 2.3912 + 4.696 + 11.4$$

$$= 18.49 < 110 = 0$$

$$= 18.49 < 110 = 0$$