Optimal policy - of value at any possible actions of The optimal policy is from  $S_1 \rightarrow S_2$   $V(S_2)$  =  $10 \neq 0.9$  ( $V(S_3)$ )  $V(S_3)$  = 10V\*(S1)= 2+ 0.9 (0.5 V\*(S1)+0.5 V\*(S3)) v+ cs,) = 2+ 0.9 (0.5 \* x V\*(5) +50) U\* (9) = 47 = 85.45 0.55 (1) (1) false, MDP 15th always cyclic (11) Ealy, MDP F3Mt cyclic always so the value downt keeps increasing and has no bounds. (11) True, Values would be immediate remards & thou is no updates (IV) True (V) True Egod Each volle = 2 0 - 255 -> 28 ? each has E, G, B thus 1 pirel = 3x8 224 2 3 bytes whole image = N2 x24 = 24N2 bits = 3N2 tytes of there are k clusters. Good was bits regid a 26 = K (Prehies

· total bits regd ? lowpression ratio a higher the k higher the ratio