NXN mage where each pixel is (R, G, B) For each fixel, no of lite required = 8 x 3 = 24 since unage has NAN feriele. So foe NXN Bixele, lite required $= N \times N \times 24$ $= N^{2} \times 24$ 10 Using Results of Koreans for compression

For one fixel, lite required = log_x

(when & z # clusters) Pite For NAN finels, lits required 2 NXNX logzk Now, for one imag, the lite regions of wilay x+ Compression ratio z live of uncompressed in = N2+24: N2 log 2 K + 24 K