





What's the philosophy behind Image averaging?
Derivation (572)









































Bit-plane slicing

- * Highlighting the contribution made by a specific bit.
- For pgm images, each pixel is represented by 8 bits.
- *Each bit-plane is a binary image

5





















Question

- * What does the histogram of a low-contrast image look like?
- *How about high-contrast?





















HE - Discussion

- *Can contrast stretching achieve similar result as histogram equalization?
- *If it can, why histogram equalization then?
- *Why isn' t the transformed histogram uniform?







*Histogram specification *Step1: Equalize the levels of the original image *Step2: Specify the desired pdf and obtain the transformation function *Step3: Apply the inverse transformation function to the levels obtained in step 1





















