Mahmoud El-Sakka

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Current Research Interest

- Image denoising
- Image compression
Image denoising

- Attempts to automatically reduce existing noise in digital images.
Image compression

• **Compression**: is a bit-rate reduction which involves
  • encoding information using **fewer bits**
Similarity methods

Statistical methods

Prediction methods
Teaching

CS4481b/CS9628b Image compression

Second term on Wednesdays from 10:30 pm to 1:30 pm

To provide students with a solid understanding of the fundamentals and principles of various digital Image Compression Schemes

All required image-related background will be built during the course

NO final EXAM!!
Thanks for listening.