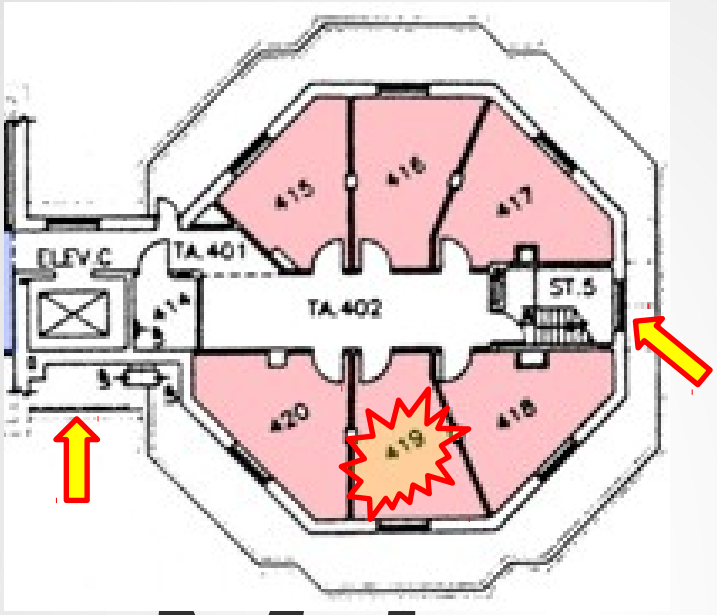


Mahmoud El-Sakka

Computer Science Department

Office: MC-419

Email: elsakka@csd.uwo.ca

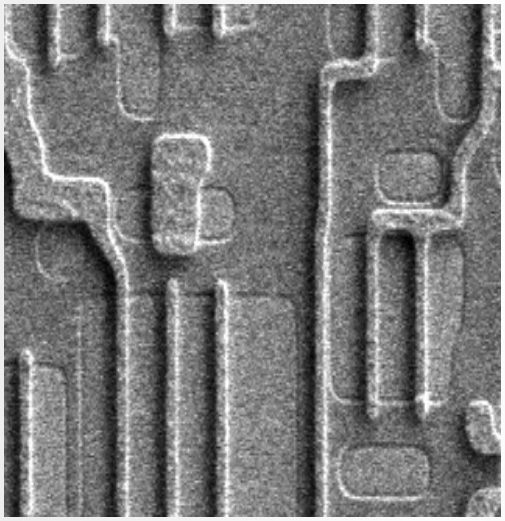
Phone: 519-661-2111 x86996

Current Research Interest

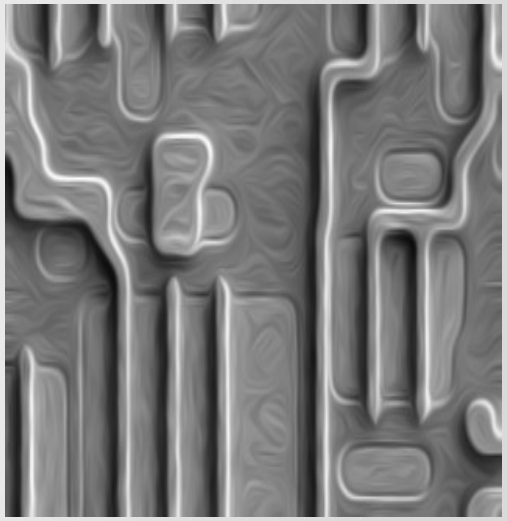
- Image denoising
- Image compression

Image denoising

- Attempts to automatically reduce existing noise in digital Images.



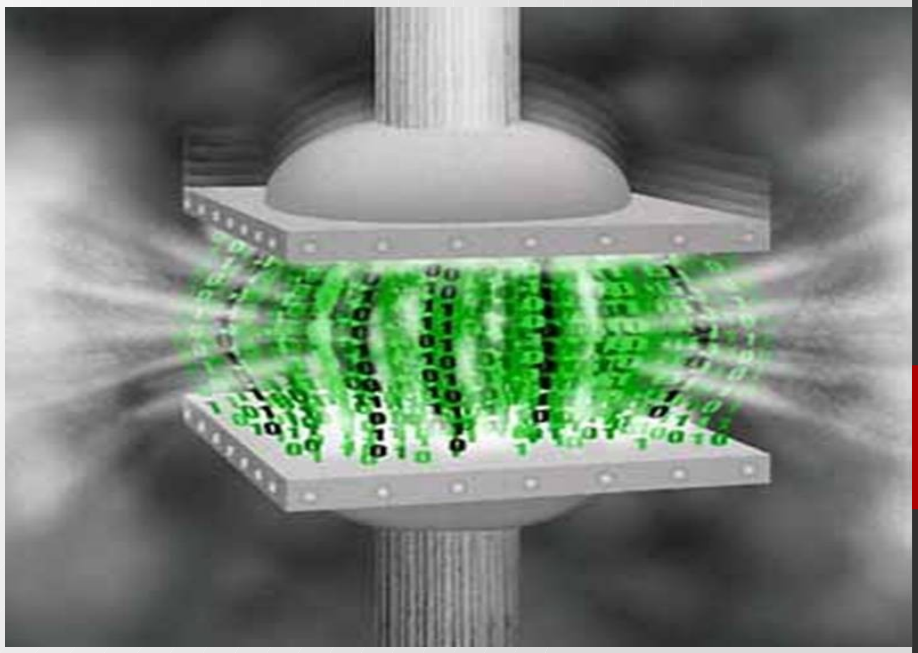
Original Noisy Image

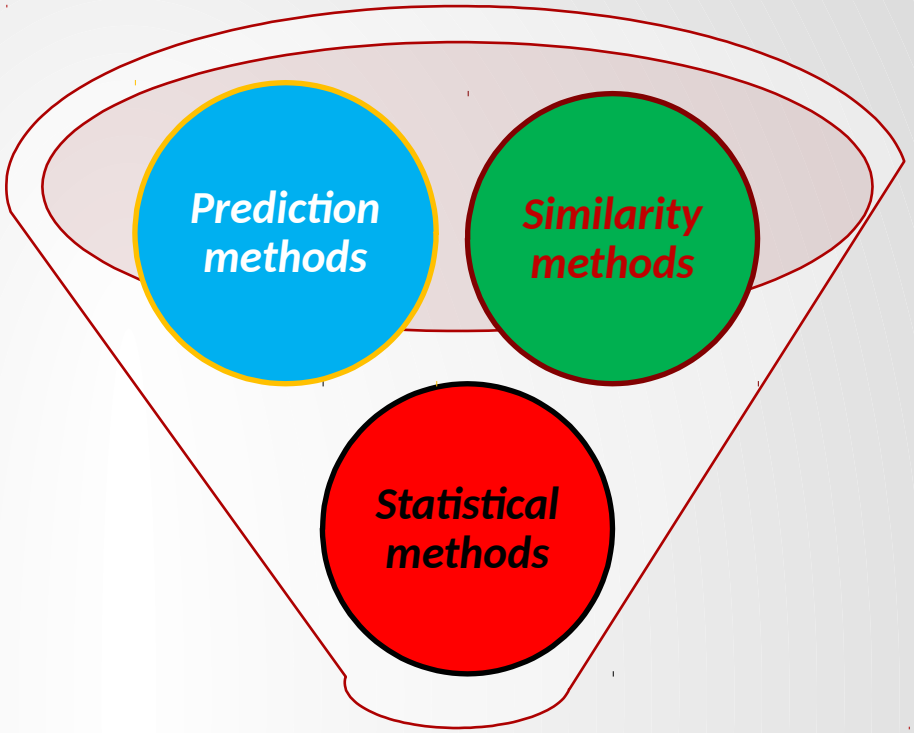


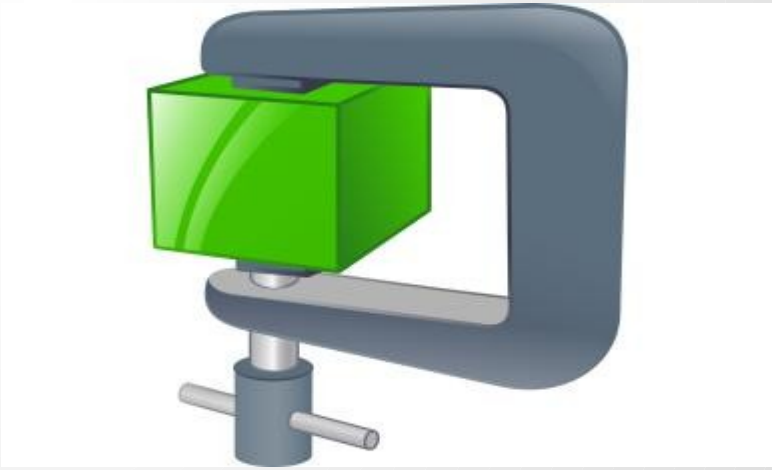
Denoised image

Image compression

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




Prediction methods
Similarity methods
Statistical methods



Teaching

CS4481b/CS9628b
Image compression

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

NO final EXAM !!

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

Thanks
For Listening p

ANY
questions?