The Case for Sequential Reading Effects in Batch Reading

Craig K. Abbey

Effect of Batch Reading in Mammography

Burnside Result

Effect of Batch Reading in Mammography

Burnside Result

Visual Adaptation

- The visual system recalibrates itself in response to its environment

- Prediction: Visual performance should improve with exposure to a specific class of images

Summary

- Observer variability is substantial

- The reading environment is important

- There are many potential sequential effects going on during image reading