

Digital Signal Processing

Applications of Digital Signal Processing

Applications of Digital Signal Processing

- ▶ Signal filtering (e.g. images)
 - ▶ denoising (remove noise)
 - ▶ inpainting (fill in missing parts)
 - ▶ improve quality
- ▶ Control theory
 - ▶ e.g. controlling a motor to a target speed profile, in various conditions
 - ▶ PID controller
- ▶ Convolutional neural networks