

# Understanding Solver Requirements and Limitations

- Susceptible to Improbable Input Data ( Garbage in -> Garbage out )
  - Input Data Conditioning
- Needs Specific Set of Information
  - Missing Data Imputation
- Plurality of Solutions vs Accuracy
  - Variational Synthesis
- Mathematical Limitations in Specifying objectives

# Incorporating User Intentions

- Capturing Robust Features from User Inputs
  - Input Denoising and Recognition
- Finding their projections on manifold of plausible inputs space
- Provide a handle to control the entire process
- Providing feedback