

Understanding Solver Requirements and Limitations

- Susceptible to Input Data (Garbage in -> Solver -> Garbage out)
 - Input Data Conditioning
- Needs Specific Set of Information
 - Missing Input Imputation
- Prolificacy 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