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

Deliverables of a Concept Generator

- Computational Creativity

- Quantity beats Quality ?

- Insight about the problem

  - How likely it is to find good solutions for this input?

- Higher Level Assessment of Task and Obtained Solutions

  - knowledge base that learns the connection of task and obtained solutions