

Decision Metrics

Michael Brodskiy

Professor: B. O'Connell

September 29, 2022

- Examining a set of ideas
 - Novelty
 - * How unusual or unexpected an idea is
 - * Rates individual ideas in comparison to the rest
 - * Examines individual features and their importance to the design
 - Applies weights
 - Applies ratings
 - Generates novelty score
 - Variety
 - * The explored solution space
 - * Applies to the entire population
 - * Looks at how broad your exploration of available solutions was
 - * Breaks down to:
 - Physical principles
 - Working principles
 - Embodiment
 - Detail
 - Quality
 - * The feasibility of an idea
 - *
 - Quantity
 - * The total number of ideas