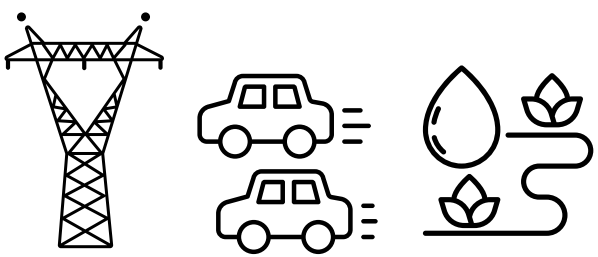


social choice: $\arg\max_x W(x)$

individual utilities $J_i(x)$

Interpersonal comparability assumption

social welfare function $W(x)$



analysis and design of engineering systems

comparisons on W

ordering, differences, ratios, ...

statistics on W

percentiles, mean, variance, CVar, ...