The map

THEORY	TECHNIQUES	PARADIGMS

THEORY → **TECHNIQUES** → **PARADIGMS**

TECHNIQUES
- models
- methods

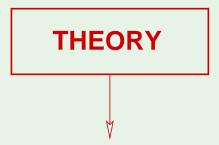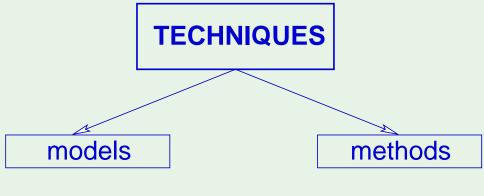### THEORY
VC

bias−variance

complexity

bayesian

models
linear

neural networks

SVM

nearest neighbors

RBF

gaussian processes

SVD

graphical models

methods
regularization

validation

aggregation

input processing

PARADIGMS
supervised

unsupervised

reinforcement

active

online