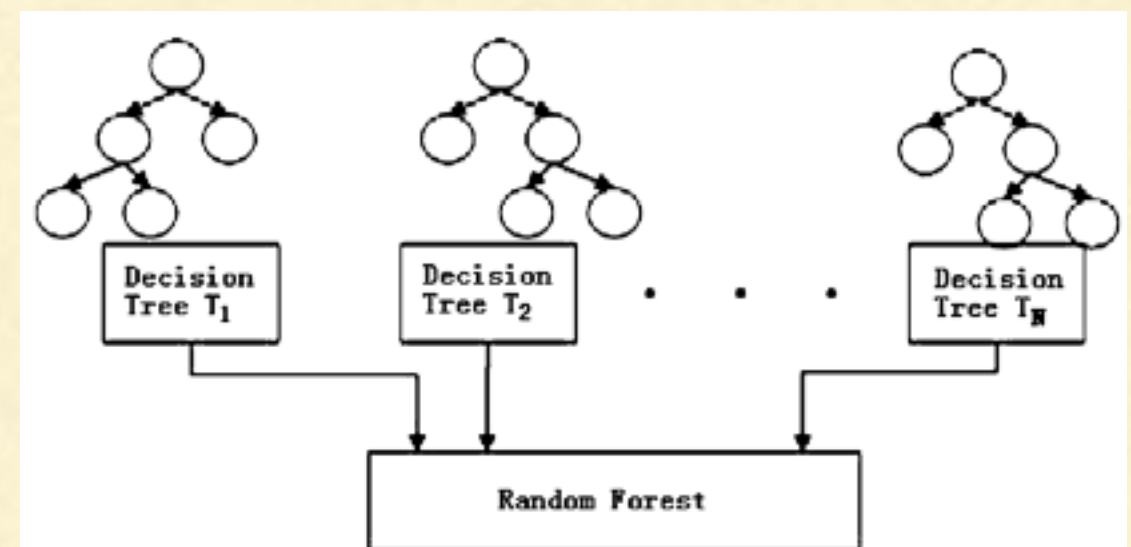
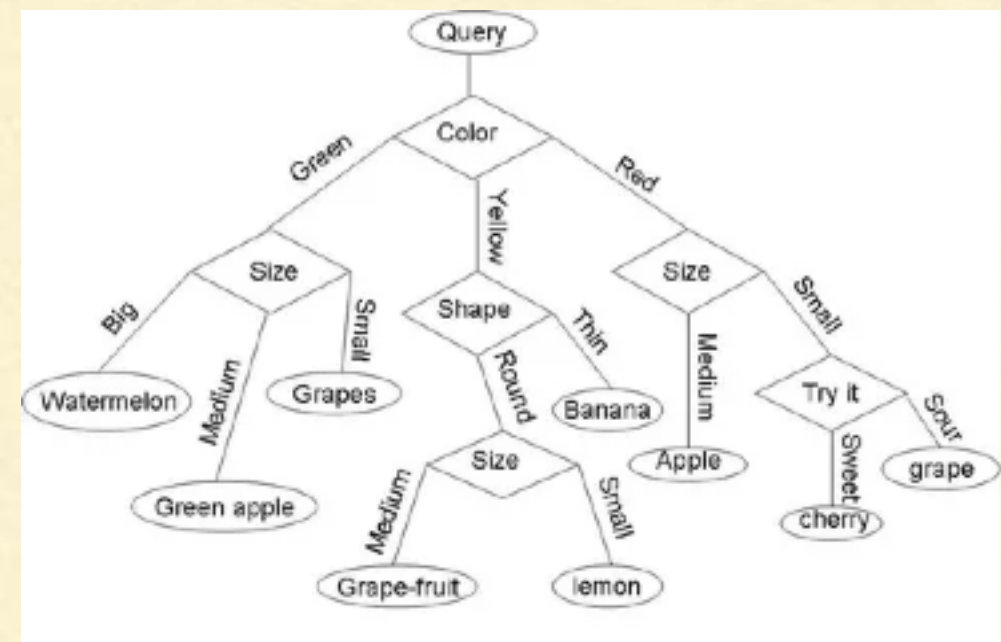


# RANDOM FOREST (RF)

- builds multiple decision trees
  - internal nodes = splitting criterion
  - leaf nodes = class label
- test samples classified by assigning to class that takes majority vote over all decision trees



# NETWORK-BASED CLASSIFIER (NBC)

- leverages the underlying gene network
- $f(g) = x_1 * g_1 + \dots + x_k * g_k$
- solve system of equations
- root mean square error
  - predicted - actual

