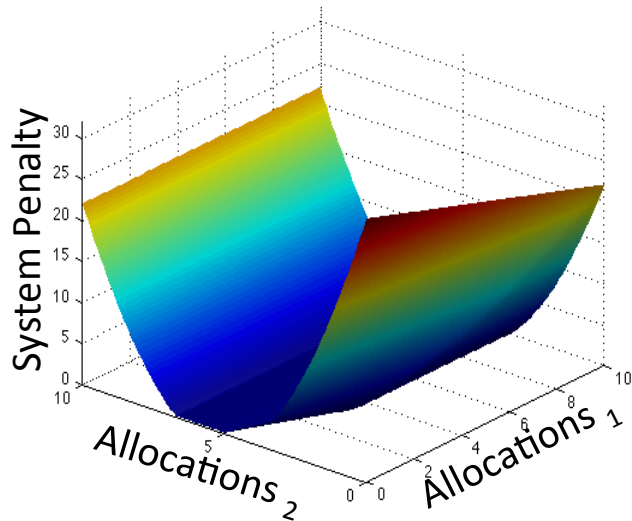
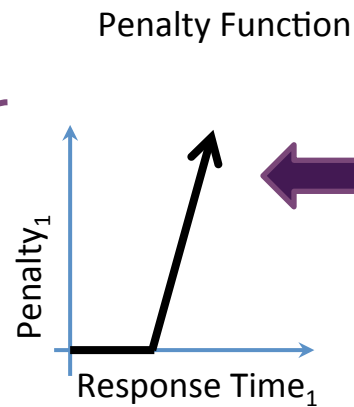


# PACORA

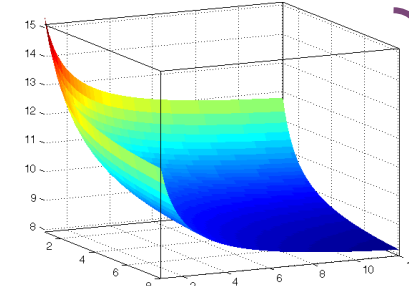
## Convex Construction



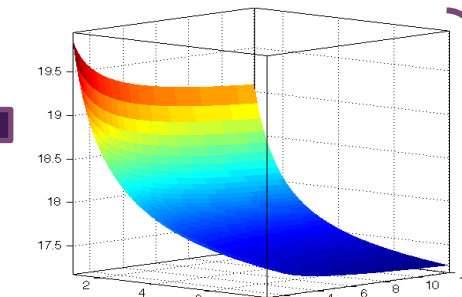
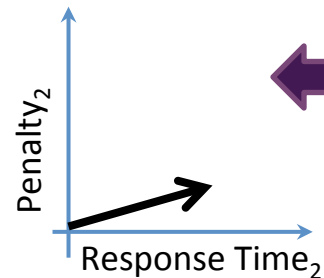
Continuously minimize the penalty of the system  
(subject to restrictions on the total amount of  
resources)



Response Time Function  
Speech Recognition

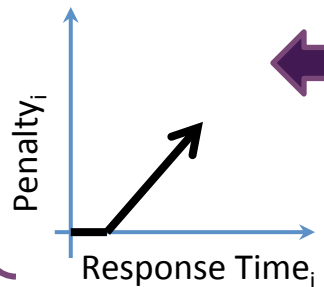


Response Time<sub>1</sub>(<sub>(0,1)</sub>, ..., <sub>(n-1,1)</sub>)

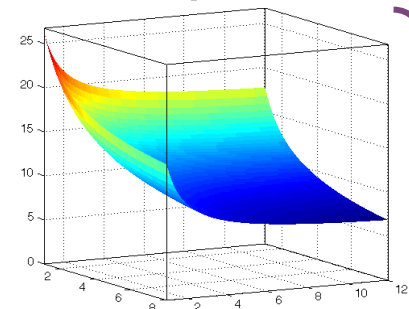


Response Time<sub>2</sub>(<sub>(0,2)</sub>, ..., <sub>(n-1,2)</sub>)

Set of Running Applications



Graph Traversal



Response Time<sub>i</sub>(<sub>(0,i)</sub>, ..., <sub>(n-1,i)</sub>)