

Contents

1 computational complexity	1
1.1 def: problema in computer science	1
1.2 tipologie di problema	1

1 computational complexity

1.1 def: problema in computer science

un problema π é una relazione

$$\pi \subseteq I_\pi \times S_\pi$$

dove:

- I_π = insieme delle istanze di input del problema
- S_π = insieme delle soluzioni del problema

1.2 tipologie di problema

optimization problems body
approximation body
greedy body
local search body
rounding body
primal dual body
dynamic programming body
approximation schemes body
alternative approaches body
social networks and bibliography body
centrality measures body
spectral analysis and prestige index body
link analysis body
web structure body
search and advertising body
matching markets body
auctions body
vcg mechanism body
gsp mechanism body