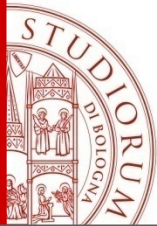


15/07/2020

# WELL DONE AI!

# INDEED, OPTIMALLY DONE!



# Ottimizzazione?



SINCE 1828



## optimization noun



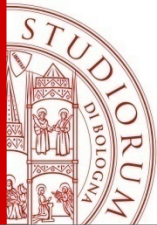
Save Word

op-tim-iz-ation | \ ,äp-tə-mə-'zā-shən  \

### Definition of *optimization*

: an act, process, or methodology of making something (such as a design, system, or decision) as fully perfect, functional, or effective as possible

*specifically*: the mathematical procedures (such as finding the maximum of a function) involved in this



# Ottimizzazione?



SINCE 1828

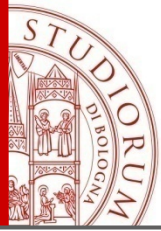


## optimization noun

design, system,  
or decision

fully perfect,  
functional,  
or effective

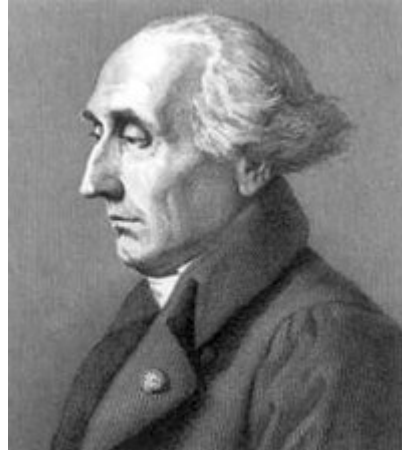
mathematical  
procedures



# Troppo importante per passare inosservata!



Pierre de Fermat



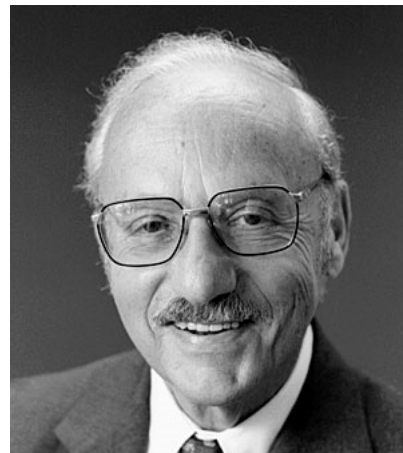
Jospeh-Louis Lagrange



Carl Friedrich Gauss



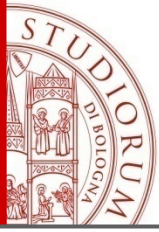
Isaac Newton



Georg Dantzig



John von Neumann



# E l'AI?

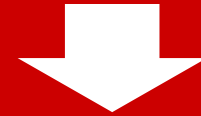
Ottimizzazione



Esercizio di  
intelligenza

AI

Ottimizzazione



Spiegazione  
intelligente di un  
fenomeno

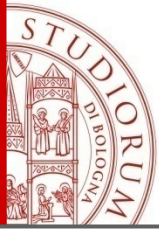
AI

Ottimizzazione



Obiettivo  
dell'intelligenza

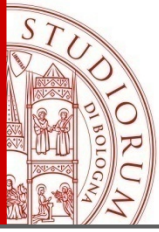
ML



# First to speak (alphabetical order)

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- Michela Milano (Dipartimento di Informatica: Scienza e Ingegneria - UniBo)
- Laura Palagi (Dipartimento di Ingegneria Informatica, Automatica e Gestionale – La Sapienza)
- Daniele Vigo (Dipartimento di Ingegneria dell'energia elettrica e dell'informazione - UniBo)



Enjoy!  
... and interact