



UNAM's Virtual Institute for Scientific Computing and Artificial Intelligence



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In SA: a National Institute



NITheCS

National Institute for Theoretical and Computational Sciences

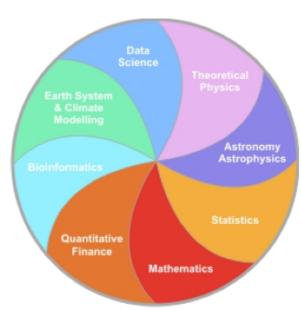
Implementing the transition from NITheP to the novel National Institute for Theoretical and Computational Sciences (NITheCS) has started.

The valuable NITheP Associate network is retained and expanded within the Research Portfolio of the new entity. The interim management of NITheCS is pleased to announce that the call is now open for Applications to become NITheCS Associates representing all eight themes that comprise NITheCS.

THEMES

The eight themes are:

- Mathematics
- Statistics
- Theoretical Physics
- Astronomy and Astrophysics
- Bioinformatics, Quantitative Biology
- Quantitative Finance
- Earth System and Climate Modelling
- Data Science



VI-SCAI

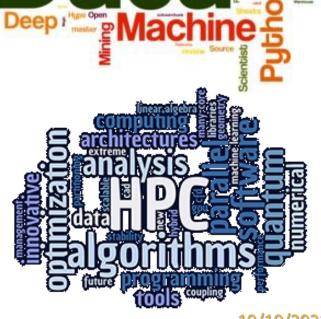
Virtual Institute for Scientific Computing and Artificial Intelligence

• Dpts. Physics, Env. Sc. & Computing

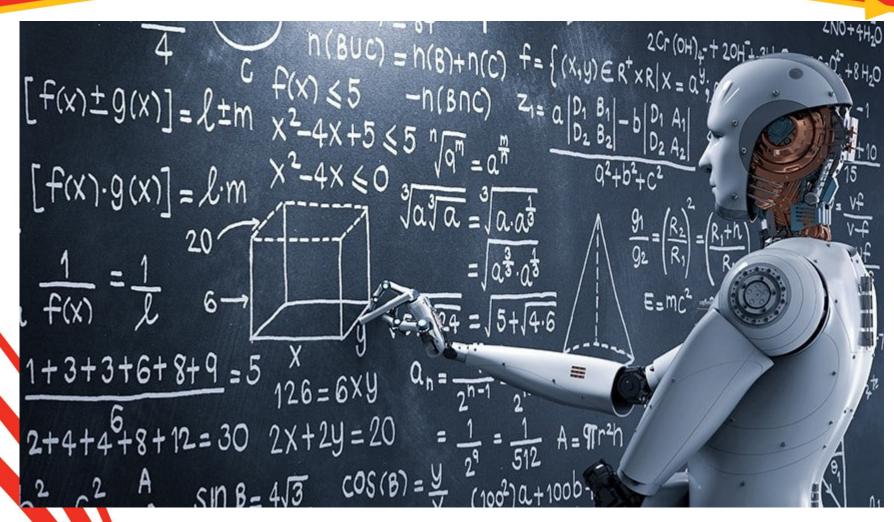
MB, R. Puente, H. Davids,
 E. Kasai, A. Limbo, J. Shapopi,
 R. Steenkamp, H. Katjaita



- Running HPC
- HPC capacity development
 - Astrophysics & Al research



Artificial Intelligence



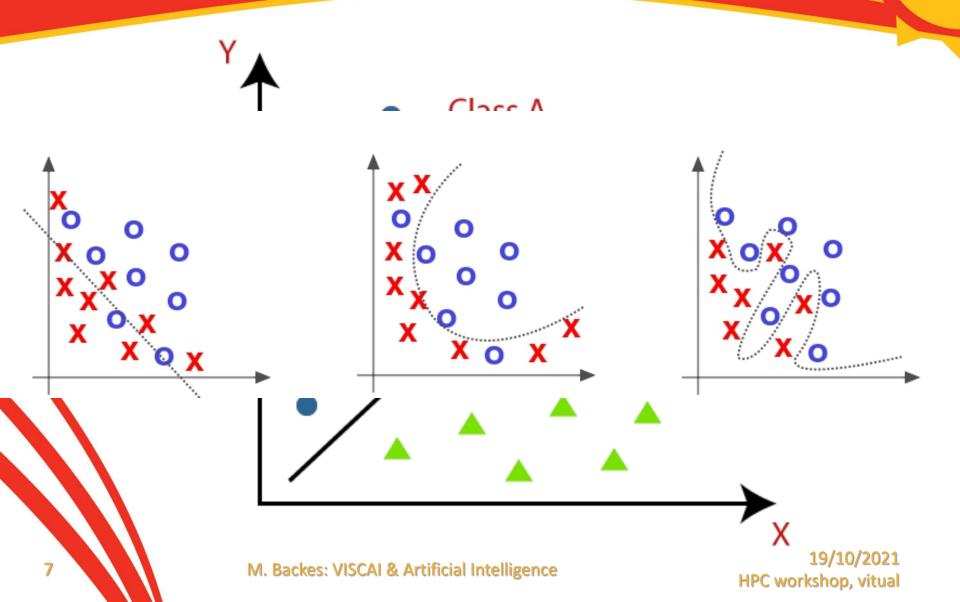
Artificial Intelligence: classification



Classification: ML as solution

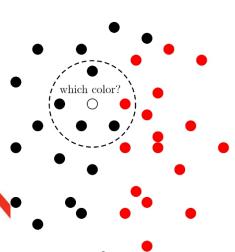


Classification Problems

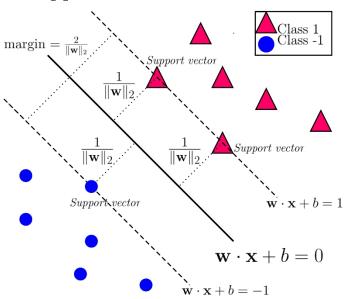


Classification: ML Algorithms

kNN Classification



Support Vector Machine



Classification Tree

