Machine-Learning Enabled Study of 2D

Superconductivity

Rajeev Atla

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XGBoost Self-Organizing Map

Self-Organizing Maps 2D Superconductivity

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Reference

A Machine-Learning Enabled Study of 2D Superconductivity

Application of the XGBoost Algorithm and Self-Organizing Maps

Rajeev Atla

John P. Stevens High School

July 23, 2020



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- Was used to process data from Large Hadron Collider (LHC) [ref]
- Bagging
 - Won the Kaggle competition
- •

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References

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