

Surrogate Modelling of the Tritium Breeding Ratio

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Tritium Breeding in ICF Reactors



Problem Description



Data Generation



Dimensionality Reduction



Methodology



Outline



Experiments 1 & 2: Hyperparameter Tuning





Experiment 3: Scaling Benchmark



Experiment 4: Model Comparison



The QASS Algorithm



Application on Toy Theory



Conclusion

