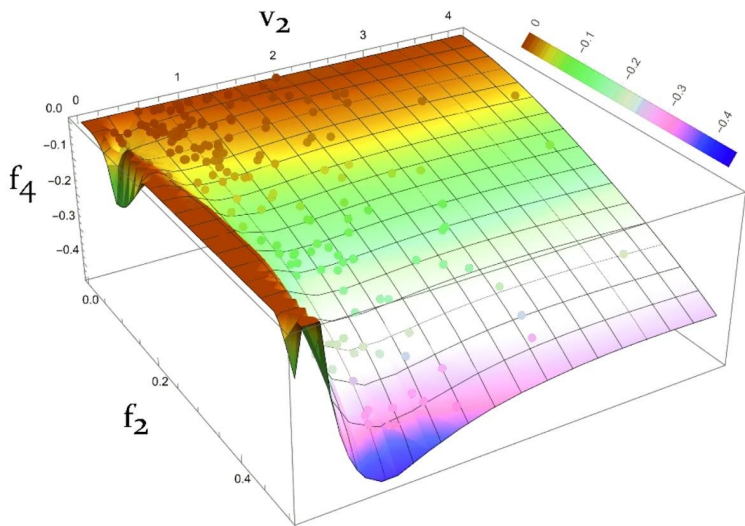


Constructing UV- critical Hypersurfaces using Machine Learning

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- ❖ Hypersurface approximation by neural network adapted to FRG flow equations
- ❖ Simplest model already efficiently constructs physically interesting regions
- ❖ Conclusion: It is worth developping a more advanced model architecture!
- ❖ Beyond the paper: Rigorous functional analysis treatment