

Theory of Relative Perspectivity

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INTRODUCTION

SPACE-TIME DILATION TRANSFORMATIONS

PERSPECTIVE SPACE-TIME FRAMES

Similarly to relativity with Perspectivity one can observe different space-time frames corresponding to different perspectives. For example Quantum, atomic, classical and relativistic are different levels of perspective.

In order to analyse how to go from one perspective to the next, one must consider how the object is scaled. Also one must consider how the spacing between the individual particles producing the singular larger object may alter. This was discussed in paper 3, "Discrete to continuity through the visualisation of waves".

CLASSICAL TO RELATIVISTIC PERSPECTIVE PHYSICS

CLASSICAL TO QUANTUM PERSPECTIVE PHYSICS

QUANTUM TO RELATIVISTIC PERSPECTIVE PHYSICS

QUANTUM TO STRING THEORY PERSPECTIVE

INFINITE DILATION SPACE-TIME FRAMES

https://tensornetwork.readthedocs.io/en/latest/basic_mps.html.

- [2] Stavros Efthymiou, Jack Hidary and Stefan Leichenauer. *TensorNetwork for Machine Learning*. (2019). <https://arxiv.org/pdf/1906.06329.pdf>.
- [3] E.M.Stoudenmire and David J.Schwab. *Supervised Learning with Tensor Networks*. (2016). <https://proceedings.neurips.cc/paper/2016/file/5314b9674c86e3f9d1ba25ef9bb32895-Paper.pdf>.

[1] The TensorNetwork Authors Revision. *Basic Introduction to Matrix Product States*. (2019).