Summary of A tutorial on the free-energy framework for modelling perception and learning

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University of Turin

Complex system in neuroscience, 12 December 2023

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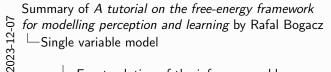
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Exact solution of the inference problem



 $-\mathsf{Exact}$ solution of the inference problem

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Approximated solution of the inference problem

Approximated solution of the inference problem

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Learning relation between variable and stimulus

Learning relation between variable and stimulus

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Free energy framework

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Hierarchical structure implementation

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 $\label{eq:hierarchical} \ensuremath{\,\sqsubseteq\,} \ensuremath{\mathsf{Hierarchical}}\xspace \ensuremath{\mathsf{structure}}\xspace \ensuremath{\mathsf{implementation}}\xspace$

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Conclusion

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