

# VARIATIONAL PRINCIPLES OF A SEQUENCE OF MAPS

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The authors of [1] have applied Convex Analysis approach to get a general variational principle. In a case of a sequence of continuous self-maps, there are several entropy-like quantities that lead to several pressure functions. In the talk, I intend to present the applications of the results of [1] to get the variational principles of a sequence of continuous self-maps. A presentation is based on a joint work with A. Marczuk.

## REFERENCES

- [1] Andrzej Biś, Maria Carvalho, Miguel Mendes, Paulo Varandas, *A convex analysis approach to entropy functions, variational principles and equilibrium states*, arXiv:2009.07212.

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