Review of: "Probability spaces identifying ordinal and cardinal utilities in problems of an economic nature: new issues and perspectives"

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The article presents a detailed mathematical modeling of the financial market with special attention to asset risk pricing. The author presents a rigorous mathematical description of the market, but limited to so-called coherent investors, who respect a certain metric assumed for the market. The work is innovative and allows the risk of a given asset to be priced based on the concept of coherence. Although it is limited to comparing asset pairs, it can be useful as an initial standard metric to assess the risk of a given option or set of assets. From the point of view of statistical physics, however, it is too idealized a view of the market, and so I do not believe that the work can be useful for market investors, but it is undoubtedly interesting for econophysicists. A final note is that there are small errors in the online version that are corrected in the pdf version. I recommend the author update the online version to avoid mistakes such as on page 4 of the pdf version where it says “inf I(X_i)” and in the online version it says “infer I (X_i)”.