ESHET-EoF 2025, 22-24 May　　ABSTRACT rev.3

Title:

Why does [*Oeconomicae et pecuniariae quaestiones*](https://www.vatican.va/roman_curia/congregations/cfaith/documents/rc_con_cfaith_doc_20180106_oeconomicae-et-pecuniariae_en.html)acknowledge that there do not exist universally valid economic formulas for every moment?　A possible answer from quantum theory.

Abstract：

According to quantum theory, it is suggested that reality consists of a higher-dimensional Hilbert space and a naive reality in it. Born rule gives the probability that a gaze or measurement of a quantum state in such a Hilbert space will yield a given result in such a naïve reality. In other words, plural eigen states which belong to a quantum state in such a higher-dimensional Hilbert space will be reduced to a certain eigen state in close proximity to such a naïve reality, in accordance with the probability determined by Born rule. And it is suggested that human beings are in such a higher-dimensional Hilbert space, whereas human existences exist in such a naïve reality. If so, moments and considerations of human beings are not fully expressible with what human existences think of.　 Therefore, [as Pope Francis said in EoF 2023](https://www.vatican.va/content/francesco/en/messages/pont-messages/2023/documents/20231006-messaggio-economy-of-francesco.html), “reality always eludes” from what human existences think of. Thus, [*Oeconomicae et pecuniariae quaestiones*](https://www.vatican.va/roman_curia/congregations/cfaith/documents/rc_con_cfaith_doc_20180106_oeconomicae-et-pecuniariae_en.html)acknowledges that there do not exist universally valid economic formulas for every moment, namely, every consideration. As above, quantum theory could conjecture the backdrop of the acknowledgement.

Key words:

quantum theory, universally valid economic formulas for every moment, reduction of quantum state

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(Even if accepted, I could join you only by online presentation. I am sixty seven years old, living in Japan, retired from active duty. And also, I am not an ESHET member.)