On the linear dispersion–linear potential quantum oscillator

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1 Introduction

In the early 1990s, K.K. Kolin proposed an interpretation of informatics as a fundamental science that studies information processes in nature, society, and technical systems.

More than a dozen nearby universities joined Scottish Informatics and Computer Science Alliance. Some non-European universities have also adopted this definition (e.g. Kyoto University School of Informatics).

Supplementary to matter[§] and energy, information is the third essence for modeling the world. Cognitive informatics focuses on internal information processing mechanisms and the natural intelligence of the brain.

A broad interpretation of informatics, as "the study of the structure, algorithms, behaviour, and interactions of natural and artificial computational systems".

This has led to the merger of the institutes of computer science, artificial intelligence and cognitive science into a single School of Informatics in 2002.

The old definition of computer science - the study of phenomena surrounding computers - is now obsolete. Computing is the study of natural and artificial information processes.

References

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 $[\]S{\rm This}$ is a footnote