== meta == limits of computation as a limit of "mind" (still: Robot Evolution)

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> [moderator's note: And how does this relate to evolutionary biology? Keep it on topic, people. − JAH]

Actually that's fairly close to topic, Josh.

Understanding at a deep theoretical level the _inherent_ limitations of computation, assists in evaluating how good a job evolution has done in approaching that limit in the brains of animals like humans, when considered as computational devices, or how well a robotic emulation of such a brain could become before it hits a "Goedel wall".

This is very analogous to the idea that having a deep understanding of the laws of thermodynamics helps us understand just how efficient it is possible to make an internal combustion engine or to evolve the ATP energy cycle in animals.

FWIW

xanthian.

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