

AI IS IN TROUBLE!

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DEEP LEARNING is UNTRUSTWORTHY and UNRELIABLE.

ChatGPT has no concept of GOAL, VALUE, or MEANING.

Why is Deep Learning UNTRUSTWORTHY?

If DEEP LEARNING makes a good prediction, you DO NOT KNOW WHY.

If DEEP LEARNING makes a bad prediction, you DO NOT KNOW WHY.

NO LIFE-OR-DEATH PREDICTION can be made without knowing WHY.

Why is Deep Learning UNRELIABLE?

Any time during its SLOW LEARNING, using perhaps MILLIONS OF LEARNING TRIALS, part of its LEARNED MEMORY CAN COLLAPSE without warning.

This is CATASTROPHIC FORGETTING.

What about the problems of ChatGPT?

ChatGPT is an UNSTRUCTURED COLLECTION of MILLIONS OF BITS OF TEXT grabbed from the internet,

PLUS a PROBABILISTIC ALGORITHM to choose the next several words of text to follow the last several words.

ChatGPT literally DOES NOT KNOW WHAT IT IS TALKING ABOUT.

Its HALLUCINATIONS are a minor problem compared to that.

Perhaps it is time to follow the advice of ROBERT FROST in his famous poem

"THE ROAD NOT TAKEN":

"Two roads diverged in a wood, and I—
I took the one less traveled by,
And that has made all the difference."

THE ONE LESS TRAVELED has NONE OF THE PROBLEMS OF DEEP LEARNING or ChatGPT.

It was created by the FATHER OF AI: https://lnkd.in/gJZJtP_W

who has also been called the NEWTON AND EINSTEIN OF THE MIND:
<https://lnkd.in/gXbR2jME>

This road proposes a solution of the classical MIND-BODY PROBLEM that has been supported by lots of psychological and neurobiological data.

The MIND-BODY PROBLEM solution clarifies HOW, WHERE in our brains, and even WHY HUMANS CAN CONSCIOUSLY SEE, HEAR, FEEL, and KNOW things about the world, and use their conscious states to PLAN and ACT to achieve VALUED GOALS.

This solution explains how ADAPTIVE RESONANCE THEORY, or ART, neural network models of FAST INCREMENTAL LEARNING, CATEGORIZATION, and PREDICTION, WITHOUT CATASTROPHIC FORGETTING, can support CONSCIOUS AWARENESS.

ART hereby provides a clear roadmap to achieve MACHINE CONSCIOUSNESS.

ART is explained in a self-contained and non-technical way in

CONSCIOUS MIND, RESONANT BRAIN: HOW EACH BRAIN MAKES A MIND

<https://lnkd.in/eiJh4Ti>

This book reviews, among many other things, how ART overcame 17 FOUNDATIONAL PROBLEMS of BACK PROPAGATION and DEEP LEARNING, including their UNTRUSTWORTHINESS and UNRELIABILITY, many years before Deep Learning was proposed.

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