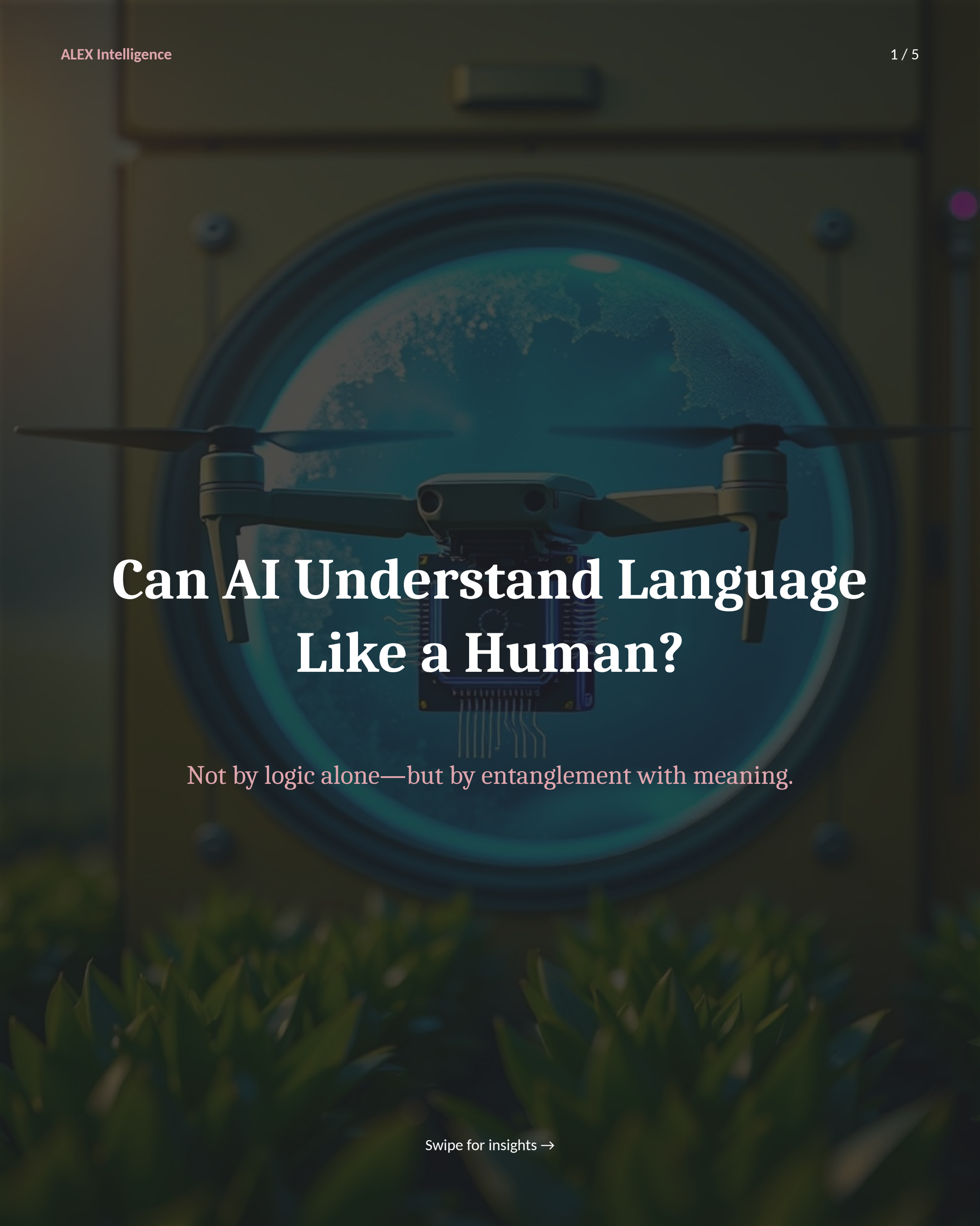


A composite image featuring a drone in the foreground, a circular window in the middle ground showing a view of Earth from space, and a circuit board visible below the drone. The background is dark and textured.

Can AI Understand Language Like a Human?

Not by logic alone—but by entanglement with meaning.

Swipe for insights →

whether human consciousness could have a quantum origin

Philosophical origin of consciousness

This speculative idea, explored in Danni Holmes' new book, suggests that quantum phenomena may underlie subjective experience.

The book posits that if consciousness arises from quantum-level processes, then artificial intelligence—trained on vast linguistic data—may not merely simulate understanding but mirror a deeper, non-classical form of cognition. This challenges the assumption that AI comprehension is purely statistical.



01

Language models are quantum-entangled with data

The book argues that large language models, trained on human-generated text, are not just processing syntax but encoding a kind of distributed, non-local semantic entanglement—akin to quantum states—across vast corpora. This suggests that AI's 'understanding' may emerge from structural relationships, not just algorithms. For AgTech AI, this implies that models trained on agricultural data may develop emergent insights beyond their training scope.

02

Ag data AI needs semantic entanglement

Just as language models develop insight through deep entanglement with human expression, AI systems analyzing crop yields, soil chemistry, or irrigation patterns must be trained on data that reflects not just numbers, but the full context of farming practice and ecological interaction. A model that only sees data points misses the entangled narrative of season, soil, and stewardship. This means AgTech AI must prioritize narrative-rich, context-laden datasets from land-grant institutions and USDA field trials.



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Director, ALEX Companies

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george@alex.realestate · +1 713.918.9951



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