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Theoretical issues in deep networks. Credit: Massachusetts Institute of Technology. The theoretical treatment by Poggio, Andrzej Banburski, and Qianli Liao points to why deep learning might overcome data problems such as "the curse of dimensionality." Their approach starts with the observation that many natural structures are hierarchical.

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A 2012 review article from the University of California, Berkeley, published in Science, "Scientific Thinking in Young Children: Theoretical Advances, Empirical Research and Policy Implications," offers an overview of recent developments in the field of child development and cognition.

Theoretical And Technological Advancements In

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