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Quantum supreme matter and the strange metals.

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Qauntum supreme matter refers to forms of matter that are densely many-body entangled with the ramification that the quantum supremacy of the quantum computer is required to enumerate the way it works. The evidence is mounting that the AdS/CFT correspondence of the string theorist, augemented by progress with SYK type models, yields a mathematical view on generic properties of such states of matter. Guided by these insights, substantial progress has been made in recognizing various of these traits in experiments on the strange metal states of the high Tc superconductors.

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