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Sommario/riassunto

Modern physics was born from two great revolutions: relativity and the quantum theory. Relativity imposed a locality constraint on physical theories: since nothing can go faster than light, very distant events cannot influence one another. Only in the last few decades has it become clear that the quantum theory violates this constraint. The work of J.S. Bell has demonstrated that no local theory can return the predictions of quantum theory. Thus it would seem that the central pillars of modern physics are contradictory.
