

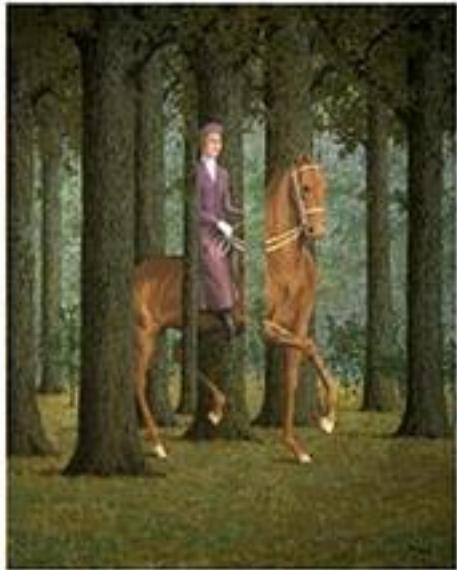
Zero Time Space

Günter Nimtz and Astrid Haibel

WILEY-VCH

Zero Time Space

How Quantum Tunneling Broke the
Light Speed Barrier



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Zero Time Space: How Quantum Tunneling Broke the Light Speed Barrier provides a

sound scientific background, while allowing a popular presentation of the physics behind the strange and mysterious tunneling process.

Based on his groundbreaking experiments, Professor Nimtz places the topic in a broader context by showing connections with other branches of physics. He and the team of authors begin by introducing such fundamental concepts as space and time and continue with tunneling phenomena from optics, nuclear and solid state physics. Avoiding mathematical equations and definitions altogether, they explain step-by-step the prerequisites for the tunnel effect to function, from classical mechanics to quantum mechanics, right up to modern topics, such as wormholes and space travel à la Star Trek.

With a foreword by astronaut Ulrich Walter, science team member of the D-2 Space Shuttle Mission.

作者介绍:

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标签

评论

A watered-down account by the scientists who did the experiments

tunneling

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