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 clever re derivation of results that had previously been found by
 physicists like hendrik lorentz in the 1890s after all lorentz had
 already published on length contraction and derived the factor $\gamma = \frac{1}{\sqrt{1 - v^2/c^2}}$

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 theory of relativity einstein also made important contributions to
 quantum mechanics and was thus a central figure in the revolutionary
 reshaping of the scientific understanding of nature that modern physics
 accomplished in the first decades of the twentieth century

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