

# Remarks on the origins of path integration: Einstein and Feynman

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## **Abstract**

I will offer some historical comments about the origins of Feynman's path integral approach, as an alternative interpretation of standard quantum mechanics. I will look at the interaction between Einstein and Feynman which was mediated by Feynman's thesis supervisor John Wheeler. Contrary to what one might expect, the significance of the interaction between Einstein and Feynman pertained to a critique of classical field theory, rather than to a direct critique of quantum mechanics itself. Nevertheless, the critical perspective on classical field theory became a motivation and point of departure for Feynman's space-time approach to non-relativistic quantum mechanics.