Title:	Search for CP Violation and Measurement of the Branching Fraction in the Decay D0 â† KS0 KS0
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Keywords:	CP Violation D0→K0SK0S KEKB asymmetric energy
Issue Date:	2017
Publisher:	APS
Citation:	Physical Review Letters, 119 (17)
Abstract:	We report a study of the decay D0→K0SK0S using 921 fb−1 of data collected at or near the Y(4S) and Y(5S) resonances with the Belle detector at the KEKB asymmetric energy e+e− collider. The measured time-integrated CP asymmetry is ACP(D0→K0SK0S)= (−0.02±1.53±0.02±0.17)%, and the branching fraction is B(D0→K0SK0S)= (1.321±0.023±0.036±0.044)×10−4, where the first uncertainty is statistical, the second is systematic, and the third is due to the normalization mode (D0→K0Sπ0). These results are significantly more precise than previous measurements available for this mode. The ACP measurement is consistent with the standard model expectation.
Description:	Only IISERM authors are available in the record.
URI:	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.119.171801 (https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.119.171801) http://hdl.handle.net/123456789/1786 (http://hdl.handle.net/123456789/1786)
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