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Title:	Measurement of the charm-mixing parameter y_{CP} in $D^0 \rightarrow KS^0 \omega$ decays at Belle
Authors:	Bhardwaj, V. (/jspui/browse?type=author&value=Bhardwaj%2C+V.)
Keywords:	charm-mixing parameter y_{CP} $D^0 \rightarrow KS^0 \omega$
Issue Date:	2020
Publisher:	American Physical Society
Citation:	Physical Review D, 102(7)
Abstract:	We report the first measurement of the charm-mixing parameter y_{CP} in D^0 decays to the CP-odd final state $KS^0 \omega$. The study uses the full Belle e^+e^- annihilation data sample of 976 fb $^{-1}$ taken at or near the (4S) centre-of-mass energy. We find $y_{CP} = (0.96 \pm 0.91 \pm 0.62 - 0.00 + 0.17)\%$, where the first uncertainty is statistical, the second is systematic due to event selection and background, and the last is due to possible presence of CP-even decays in the data sample
Description:	Only IISERM authors are available in the record.
URI:	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.102.071102 (https://journals.aps.org/prd/abstract/10.1103/PhysRevD.102.071102) http://hdl.handle.net/123456789/3280 (http://hdl.handle.net/123456789/3280)
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