Abstract Submitted for the 4CF10 Meeting of The American Physical Society

CKM Matrix and CP Violation in B Mesons: Status and Future Outlook ZAFAR YASIN — CP violation explains, some of the observed difference between matter and antimatter universe. The Standard Model prediction of CP violation can be represented by Cabibbo Kobayashi Maskawa (CKM) matrix. Bfactories have provided the precision tests of CKM paradigm. A review, summary of the main results, and future prospects of B physics will be presented.

Zafar Yasin

Date submitted: 21 Sep 2010

Electronic form version 1.4