

## On the uncharted b-flavored CKM unitarity triangle

Some fine differences between the twin  $\bar{s}$ -flavored unitarity triangles are calculated by means of a generalized Wolfenstein parametrization of the CKM matrix, and a possible way to experimentally establish the uncharted one is briefly discussed. In addition, the four-zero textures of Hermitian quark mass matrices with an up-down parallelism are considered to understand the salient features of quark flavor mixing and CP violation.

### Presentation type

Oral

**Primary author:** Mr XING, Zhi-zhong (IHEP)

**Co-author:** Mr ZHANG, Di (IHEP)

**Presenter:** Mr XING, Zhi-zhong (IHEP)