

Utpala the Paitámaha-Siddhánta had fallen into oblivion, it is not strange that Albírúní had no knowledge of it ; see Reinaud's Mémoire, p. 332.

The Saura, or Súrya-Siddhánta is mentioned by Varáha-mihira, Brh. Sanh. p. 4, and Ch. XVII. vs. 1. As in the latter passage we are informed* that the treatise Pancasiddhántiká followed the doctrine of the Súrya-Siddhánta in respect to the *grahayuddham*, an astrological name for conjunction, we may conclude that the Súrya-Siddhánta contained some matter which would find a place more appropriately in an astrological work. It was at least not wholly free of astrological influence, in so far that in some respects it did not disregard the terminology of the Sanhitás. The Súrya-Siddhánta, current in the days of Albírúní, is ascribed by him to Láṭa, and as the Arab expresses the received opinion of the native astronomers, unless where he intimates his dissent, there is every reason to believe that Láṭa was really, if not the original author, at least the author of the recast, as it was current in the first half of the eleventh century. Láṭa being anterior to Varáha-mihira, as we shall see hereafter, it may be that Varáha-mihira means by Súrya-Siddhánta Láṭa's work, but for aught we know it may as well have been a still older *edition*, to use a not very adequate but sufficiently clear expression. Bhaṭṭa Utpala mentions the Súrya-Siddhánta comparatively very seldom, only six ślokas are quoted, which I subjoin in the foot-note,† because not one of them recurs in the Súrya-Sid-

* q. v. Instead of *Súrya-siddhántát*, a v. r. has *Súrya-siddhánte* ; in the latter *Siddhánte* has to be taken in the same construction and sense, as if it were *mate* "opinion, doctrine : " *siddhánta* is in fact nothing else but proved, well-established opinion. It may be also that the author had divided his treatise into chapters, each of which treated of the five Siddhántas severally, instead of giving an eclectic view of his own, based upon the study of the groundworks.

† They are :

तेजसां गोलकः सूर्या ग्रहर्चाणाम्बुगोलकाः ।
प्रभावन्तो हि दृश्यन्ते सूर्यरश्मिविदोपिताः ॥