

10.4. *Al-Sufi's catalogue.* As for al-Sufi's catalogue [330], it is, in fact, the Almagest star catalogue: latitudes for almost all stars are the same (even for the fast stars) and longitudes differ by exactly $12^\circ 42'!$ So there is no need to date this catalogue.

Acknowledgements

The authors are indebted to Academicians E. Velichov, Yu. Prochorov, Yu. Zhuravlev, B. Gnedenko, Professors V. Zolotarev, V. Demin, V. Kruglov, V. Kozlov, V. Abalakin, A. Necaev, Yu. Turin, Yu. Belyaev, I. Zhurbenko, E. Chepurin, Yu. Suhov, and S. Aivazian for numerous useful discussions and support. We thank Professor H.-J. Lenz, and Z. Nguen, Yu. Deikalo, E. Gavrilenko, M. Vovchenko, V. Kalashnikov (junior), A. Borisenko, S. Zholkov, Yu. Fomin, T. Turova, O. Soboleva, and Y. Turina for valuable help in processing the numerical data and for consulting in the use of computers.