

Relative comparison of FG5 Absolute Gravimeters (3)

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We report on the result of the relative comparisons of FG5 absolute gravimeters in January, 2003. Since June, 2001, Geographical Survey Institute, Earthquake Research Institute, and Kyoto University execute relative comparison of FG5 once at half a year. Relative comparison in January 2003 was executed in Tsukuba, using Geographical Survey Institute (#201,#203), Earthquake Research Institute (#212), and Kyoto University (#210). At present, we estimate the difference between each FG5's gravity values at several ugal. To reach the accuracy of 2ugal, we intend to acquire the detailed maintenance technique and to share the information between each organization.