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Design and precision research of Hefei Advanced Light Source Precision control network based on GNSS and elevation measurement

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this paper briefly introduces the layout theory and analysis basis of the first-level control network, calculates the accuracy index of the first-level control network of Hefei Advanced Light Source, designs the basic scheme of the first-level control network, and analyzes the absolute precision and relative precision of the control network in detail through the simulated adjustment data. According to the design of the basic scheme of the first level control network, the author carries on the simulation calculation of the datum, adjustment scheme, factors affecting the accuracy and measures to improve the accuracy of the control network, and determines the optimal scheme.

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Footnotes

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Yes

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