

IA

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1 Title

The magnetometer based on the Hall effect

2 Purpose of the IA

Measurement of magnetic field based on Hall effect

3 Outline

Due to the wide use of the magnetism's achievements one of the most urgent tasks was the measurement of the magnetic field. In my project I set a goal - to review existing methods of measuring this value, look in detail at the Hall effect and make the device - measuring the magnetic field based on the Hall effect (Hall voltage).