

Track reconstruction and GEM detector performance in BM@N experiment.

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BM@N experiment tracking system consist of Multiwire Proportional chambers, Gas Electron Multiplier (GEM) and Drift Chambers. It is used for trajectories reconstruction of charged particles. GEM detector is located inside the magnet and plays crucial role in track reconstruction. Algorithm of track reconstruction is described. GEM detector performance (efficiency and spatial resolution) is presented.

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