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In a recent note (CERN/T/TS-3) Th. Sigurgeirsson has proposed an arrangement of the magnet poles for a strong-focussing field which differs from that originally proposed by Courant, Livingston, and Snyder in the way in which the bending field is orientated relatively to the focussing field. In view of the fundamental importance of the properties of the magnetic field we have here started an experimental investigation of the field proposed by Sigurgeirsson. A magnet has been set up with the pole pieces shown in fig.1, the dimensions of the yoke and the coils are such that a maximum field of about 24.000 Gauss can be obtained. It is intended to examine the linearity of the field and especially the influence of saturation. If possible, some preliminary results will be presented at the PS-Group meeting in Paris.

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