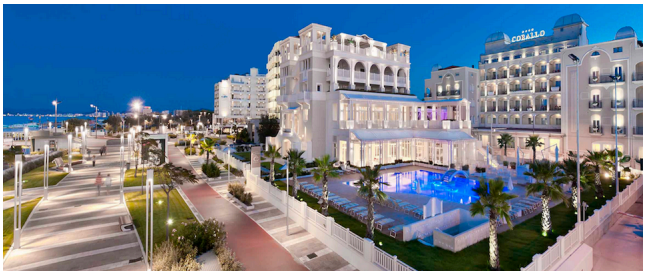

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Use of focusing crystals in magnetic fields

Monday, 5 June 2023 18:16 (1 minute)

A series of experiments demonstrated the possibility of focusing positively charged particles using focusing crystals. In these experiments, between a crystalline focusing crystal and the position of the focus was a space free from magnetic fields. In this work, we consider an important case from the point of view of practical aither dipole or quadrupole.se when between the focusing crystal and the focal plane there is a magneic field either dipole or quadrupole. The obtained relations allow us to take into account the influence magnetic fields on the focusing properties of crystals.

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