

Abstract Submitted
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The XYZ-model in a magnetic field UTE LÖW, Institut fuer Physik,
Universitaet Dortmund, 44221 Dortmund — We present a numerical study of the
one-dimensional XYZ-model in a magnetic field. In particular we discuss DMRG-
and Lanczos results for the gaps, the staggered and uniform magnetisation, the
phase diagram and the quantum critical point of the model. We also consider ther-
modynamic properties.

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