

# Project 1, deadline September 10

## Computational Physics I FYS3150/FYS4150

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## 1 Methods

Assume two spins in each dimension,  $L = 2$ . Find analytical expression for  $Z$ , and corresponding  $\langle E \rangle$ ,  $|M|$ ,  $C_v$  and susceptibility  $\chi$

## 2 Results