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## **【84】 On the Path Formulating the Ising Model**

*Tuesday, 31 August 2021 14:45 (30 minutes)*

Ideas of Wilhelm Lenz 1921 and Walter Schottky 1922 how Coulomb energy might induce an interaction which orders the elementary magnetons made possible the formulation of a corresponding model by Ernst Ising 1925 but did not lead to a magnetic phase. Only the development of the new quantum mechanics allowed Pauli to formulate 1930 at the Solvay conference the Ising model as we know it nowadays. These parallel developments were made by physicists whose academic career crossed in the 1920's at the University of Hamburg the first democratic foundation of a German university

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