

## **Abstract AJ**

The diploma thesis deals with the role of a mistake in the learning process in general, then focuses more concretely on Mathematics lessons. The theoretical part leans on scientific publications that treat the theory of a mistake. This part covers various approaches towards a mistake, an insight into the history and different conceptions of mistake classifications. The practical part is based on a research done at a „lycée“ in Paris. The research work contains the corrections (done by students) of a Hampe written test and the analysis of their answers from the questionnaires. The main goal of the thesis is to think about mistakes done by students and to take advantage of them in the learning process.