

The main focus of this work is on the impact of strain on emission of terahertz radiation from spintronic emitters. First chapter is dedicated to the introduction to spintronics, terahertz radiation, spintronic emitters and we also describe here the model of generating spin currents in spintronic emitters. In the second chapter, the reader is introduced to methods of measurements, data processing in MATLAB and used samples. The practical part of the work is described in the third chapter. This chapter deals with the measurement method itself and its flaws and then deals with the main measurement - „symmetrical“ cross measurement. In the last chapter we conclude the results and bring some improvements for the next measurements.