

The system of electronic mail is currently a target of a massive abuse by sending of unsolicited messages, called a SPAM. The extent of the attacks brings the whole electronic mail system to the very limits of usability. A broad range of various techniques to mitigate SPAM was created within several last years. However, every technique is later successfully adapted by SPAM senders. The goal of the diploma thesis is to perform analysis of currently available techniques of SPAM mitigation and to assess their effectiveness and reasons of failure. Utilizing the gained knowledge the author should design and practically realize a new method of SPAM mitigation based on the idea of rising the price of sending of an unsolicited email. A practical test of the realized method should be a part of the work.