

---

**PETER LISONEK**, Simon Fraser University, Burnaby, BC  
*Steganography with linear codes*

Steganography is the science of information hiding. The sender embeds a secret message into a cover object (e.g., a multimedia file) by slightly distorting it in a way that enables the intended recipient to retrieve the hidden message; at the same time the very existence of the hidden message should be impossible to detect by any third party.

The main goal of steganography is to manage the trade-off between the amount of communicated information and the amount of introduced distortion. We will show how linear codes can be used for this purpose. We will survey the recent results and list some open problems.