

The diploma thesis *Principles of information visualization in public transit information systems* considers the ways information design affects one of the most common activities of people in an urban environment: the use of public transit system. In this work, the city space becomes a framework for several disciplines connected to the concept of wayfinding. The author sets the topic in a wide historical and architectural context and links the connections with cognitive science. The case study describes principals for information design using the example of the Prague subway and their application to an experimental station with a new information system installed.