This thesis discusses the connection search in public transit without permanent connection to the server, that would do the time-consuming calculations. For this purpose, we use the Transfer Pattern method running on Google Android platform. We demonstrate to the reader some of the most common graphs used for connection search in public transit and subsequently the procedure how to formalize timetables as such graphs. Further we describe principles of Transfer Patterns, a way how to compute them from timetable graph and how to store them in SQLite database on Android device. On such pre-computed data, we can very quickly and efficiently find the optimal connection even on relatively performance-limited Android device.