Summary

This report describes a computerprogram in which the routing problem in a public transportation busnetwork is solved. With te aid of the program, starting from a bustimetable, an optimal route is determined for the user. The optimal route has 'a arrivaltime as early as possible together with a departure time as late as possible'.

The user can determine his route scheme by input of a departure and arrival stopping-place and a desired departure time. Also, it is possible, when desired, to determine a earlier or later departure time then the recommended departure time.

De bustimetable is read from a inputfile by the computerprogram and implemented by the 'star' datastructure. The timetable in the inputfile can be updated by changing the inputfile. The computerprogram can only cope a timetable with a daily repeated character.

The computerprogram is written in Borland Pascal Version 7.0 and Must.