# CENG 435 - Data Communications and Networking Term Project - Part I

Sina Sehlaver
2099729

Beyazit Yalcinkaya
2172138

I. INTRODUCTION

II. METHODOLOGY

III. IMPLEMENTATION

IV. EXPERIMENTAL RESULTS

V. CONCLUSION

TABLE III: After Second Iteration
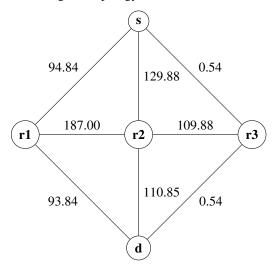
| Node | Distance from s | Previous node |
|---|---|---|
| s | 0 | None |
| r1 | 94.84 | s |
| r2 | 110.42 | r3 |
| r3 | 0.54 | s |
| d | 1.08 | r3 |

Fig. 1: Topology with Link Costs



TABLE I: Initial

| Node | Distance from s | Previous node |
|---|---|---|
| s | 0 | None |
| r1 | ∞ | None |
| r2 | ∞ | None |
| r3 | ∞ | None |
| d | ∞ | None |

TABLE II: After First Iteration

| Node | Distance from s | Previous node |
|---|---|---|
| s | 0 | None |
| r1 | 94.84 | s |
| r2 | 129.88 | s |
| r3 | 0.54 | s |
| d | ∞ | None |