

OPERATIONS RESEARCH

Chapter 8 - The Transportation Algorithm

Problem 8.9 / 1.21

TABLEAU 5

| | I | | II | | III | IV | Dummy | Supply | u_i |
|--------|-----------------|-----|-----------------|-----|-----------------|-----------------|--------------|--------|-------|
| A | <div>1.21</div> | (*) | <div>1.23</div> | (*) | <div>1.19</div> | <div>1.29</div> | <div>0</div> | 7500 | 0.14 |
| | 3400 | | (-0.02) | | (0) | (0.02) | 4100 | | |
| B | <div>1.07</div> | (*) | <div>1.11</div> | (*) | <div>1.05</div> | <div>1.09</div> | <div>0</div> | 10,000 | 0 |
| | 800 | | 200 | | 6300 | 2700 | (0.14) | | |
| C | <div>1.17</div> | | <div>1.16</div> | | <div>1.15</div> | <div>1.18</div> | <div>0</div> | 8100 | 0.05 |
| | (0.05) | | 8100 | | (0.05) | (0.04) | (0.09) | | |
| Demand | 4200 | | 8300 | | 6300 | 2700 | 4100 | | |
| v_j | 1.07 | | 1.11 | | 1.05 | 1.09 | -0.14 | | |

(*) denotes corner of loop