

OPERATIONS RESEARCH

Chapter 8 - The Transportation Algorithm

Problem 8.9 / 1.21

TABLEAU 1

	I	II	III	IV	Dummy	Supply	u_i
A	$\frac{1.21}{4200}$	$\frac{1.23}{3300}$	$\frac{1.19}{(0.02)}$	$\frac{1.29}{(0.09)}$	$\frac{0}{(-0.02)}$	7500	0.02
B	$\frac{1.07}{(-0.02)}$	$\frac{1.11}{5000} (*)$	$\frac{1.05}{5000} (*)$	$\frac{1.09}{(0.01)}$	$\frac{0}{(0.10)}$	10,000	-0.10
C	$\frac{1.17}{(-0.02)}$	$\frac{1.16}{(-0.05)} (*)$	$\frac{1.15}{1300} (*)$	$\frac{1.18}{2700}$	$\frac{0}{4100}$	8100	0
Demand	4200	8300	6300	2700	4100		
v_j	1.19	1.21	1.15	1.18	0		

(*) denotes corner of loop