

Acang Eduard M.

BSCS 3-B

The screenshot displays a Microsoft Excel spreadsheet titled "Book1 - Excel" with a dark theme. The spreadsheet contains a "SunRay Transportation Model" with the following data:

Unit Cost Matrix	D1	D2	D3	D4	SUPPLY
S1	10	2	20	11	15
S2	12	7	9	20	25
S3	4	14	16	18	10
Demand	5	15	15	15	50

Below the unit cost matrix, the "Optimum Solution" is shown:

Total Cost	D1	D2	D3	D4	RowSum
835					
S1	0	0	15	0	15
S2	5	5	0	15	25
S3	0	10	0	0	10
ColSum	5	15	15	15	50

The "Solver Parameters" dialog box is open, showing the following settings:

- Set Objective:  $\$A\$13$
- To: ☒ Max ☐ Min ☐ Value Of: 0
- By Changing Variable Cells:  $\$C\$14:\$F\$16$
- Subject to the Constraints:
  - $\$C\$14:\$C\$16 \geq 0$
  - $\$C\$17:\$G\$17 = \$C\$8:\$G\$8$
  - $\$G\$14:\$G\$16 = \$G\$5:\$G\$7$
- ☒ Make Unconstrained Variables Non-Negative
- Select a Solving Method: Simplex LP
- Solving Method: Select the GRG Nonlinear engine for Solver Problems that are smooth nonlinear. Select the LP Simplex engine for linear Solver Problems, and select the Evolutionary engine for Solver problems that are non-smooth.

The dialog box has buttons for "Help", "Solve", and "Close".