

Assignment

Material quantities to make 1 unit product and stock levels (upper limit to use) are given in the table.

The profits of products are 200¥/unit for ProA, and 300¥/unit for ProB.

Using Simplex method, derive the optimal solution.

	ProA	ProB	Stock
Mat1	0.50g	0.30g	1000g
Mat2	0.20g	0.25g	500g
Mat3	0.25g	0.50g	800g

- ☐ Show Standard form.
- ☐ Explain the solving process
showing transition of Simplex table for this problem.
- ☐ Show the shadow prices and describe meanings.

Style: A4 1 sheet, in Japanese / English
deadline : before the next lecture