Leontief Input-Output Model

- 4. Consider a region with two main economies: M (machinery) and S (service). From historical data, it is found out that:
 - (a) producing 1 unit of M requires 0.1 unit of M and, 0.2 unit of S;
 - (b) producing 1 unit of S requires 0.1 unit of M and, 0.3 unit of S.

Suppose the total outside demands of M and S are 40 and 50 units, respectively. Determine the actual units of M and S produced in order to satisfy the above demands.

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