

Transportation problems in mathematics & economics, transportation theory or transport theory is a name given to the study of optimal transportation & allocation of resources. The problem was formalised by the french mathematician ~~P.~~ Gaspard Monge.



* Assignment problem It is a fundamental Combinatorial optimization problem. In its most general form, the problem is as follows; The problem instance has a number of agents & a no. of tasks incurring some cost that may vary depending upon the agent task assignment

* Limitations of L.P.P.

- ① Linearity of relations
- ② Single objective
- ③ Certainty
- ④ Constant parameters
- ⑤ Divisibility