



[Summary]

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SUMMARY

In Operations research there are many methods of solving decision problems. Dynamic programming is a method of solving a problem based on the theory of multistage decision process. There is a sequence of interrelated decisions has to be made at in each stage. In Dynamic programming the original problem is sub-divided into n sub-problems. Each sub-problem is a decision –making problem in one variable only. The solution of the original problem is achieved by integrating the solutions of the sub-problems. Thus it is a systematic, complete enumeration technique. Many types of decision problems can be solved by dynamic programming.