

## LINEAR PROGRAMMING MODEL AND OPTIMAL FARM MANAGEMENT

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### **ABSTRACT**

The term LP was unknown before World War II and yet the concept of a multi disciplinary approach was an important decision making process as long ago as ancient Greece. In the ancient Greece, there was a "Delphi Team", which was using the procedure (of course not using mathematics) as by identifying all possible solutions, selecting the best one and communicating it to the user. The story narrates that in the 6th century B. C.

there was a great Temple of Apollo (the God of sun as well as of prophecy) located, in the ancient Greece cit) of Delphy, at the foot of Mt. Parnassus. This Temple was renowned as a place where Oracles were spoken by divinely inspired priestesses.

The priestess "Pythia" sat on a golden tripod and received gift bearing supplicate in a frenzied trance, she uttered sounds in response to their questions. Although pythia supposedly pronounced oracles, while analyzing omens discerned in such thing as the flight of birds or the entrails of a sacrificed animals, no one understood the meaning of those oracles until they were interpreted by a council of priests much late, and usually in verse.

What actually happened could indeed qualify for what we would to day call an "LP" technique. Hidden by the smoke of incense and stage props, members of the council of pries listened carefully to the pleas and queries of the supplicate. The uncil then convened, under the pretext of translating Pythia's Oracle into meaningful verse, to analyze data and decide on the best.

From above it is observed that. optimization criteria are stated in extreme terms, either maximization or minimization here, the term optimization means the search

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