

Harris

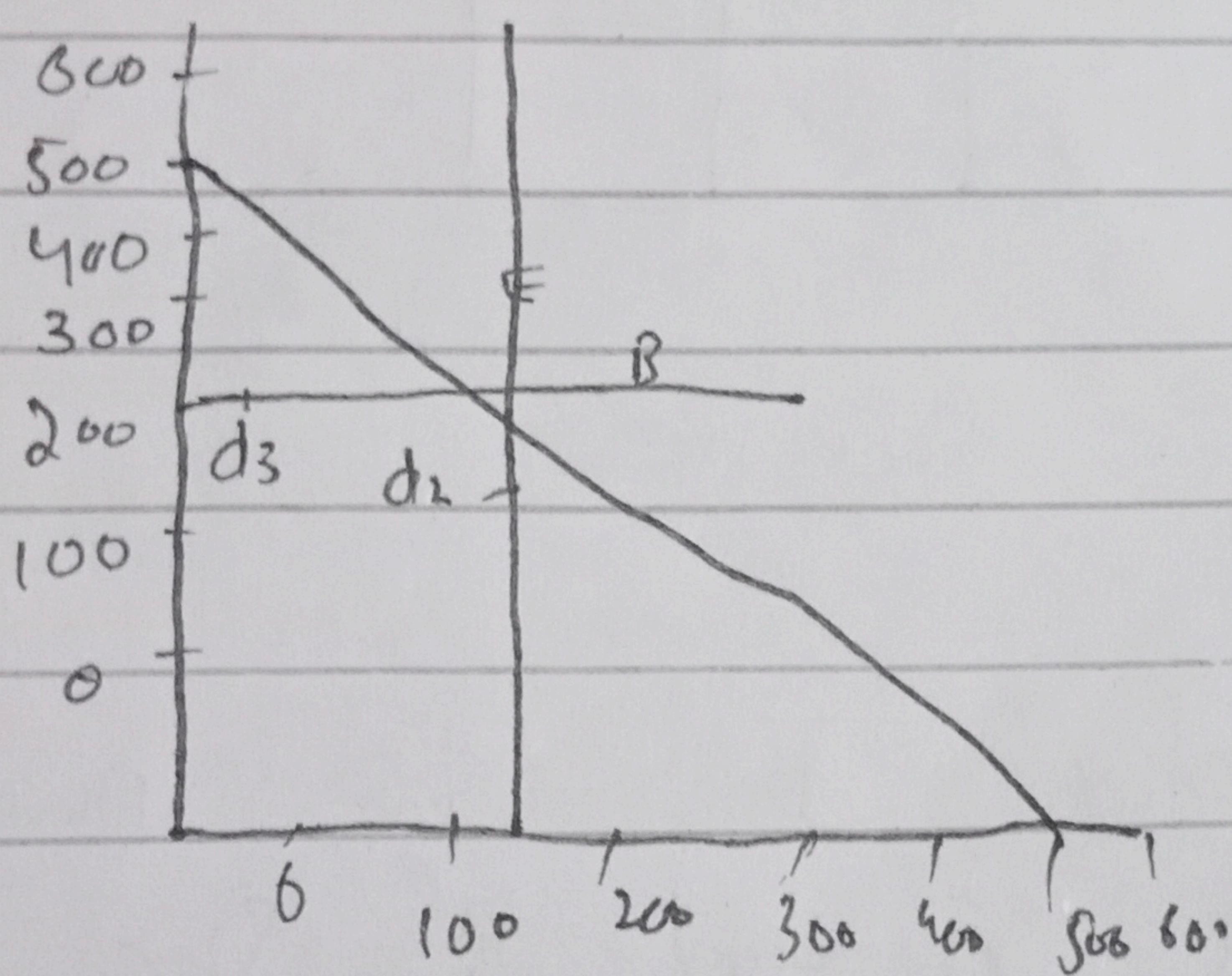
Soc "A"

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Q2

All the goal constraints can be plotted on the graph



Product A as for Product B,
Because net profit from sale
of Product A is twice the amount
from Product B

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(29)

$$x_1 + d_2 = 150$$

$$\text{and } x_2 + d_3 = 200$$

$\Rightarrow d_2 \Leftarrow$ under achievement of sales goals
A.

$\rightarrow d_3 \rightarrow$ under achievement of sales goal
for Product B

So goal is the minimization of sales

$$x_1 + d_2 = 150$$

$$x_2 + d_3 = 200$$

minimize

$$Z = P_1 d_1 + P_2 d_2 + P_3 d_3$$

subjected to constraints

$$x_1 + x_2 + d_1 - d_1 = 500$$

$$x_1 + d_2 = 150$$

$$x_2 + d_3 = 200$$

and $x_1, x_2, d_1, d_2, d_3, d_1 \geq 0$

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Q2

Types of P	Amount sold in	Net Profit
A	150	
B	200	

Solution

Suppose

x_1 and x_2 be the number of products A and B. Since overtime operations are not allowed

$$x_1 + x_2 + d_2 - d_1 = 500 \text{ (Plant capacity)}$$

d_1 = under utilization of product

So goal is to minimization of sales hence positive deviation will not appear in constraints related with sales so

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Q3
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03

CPM Simulation

CPM analyses earliest begin time & the earliest end time EEF the latest end time ratio frequency and total float TF, should be count.

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Q23

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Research

Hypothesis

This study uses one rule among many simple algorithms rules to simulate the calculation of the longest path; therefore minimum amount of time is required to perform an activity from the algorithms and that the results can be examined

Literature Review

Exploiting CPM to calculate resources and value required for projects and events. CPM is used to appear the interchanges by activations that takes shorter time at in expense

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Sec A

Howis

Q3 write detail Summary of the
Research Paper provided on site -

Answers

Introduction

Critical Path Methodology is a
Programming methodology that work with repetitive
all of the various interactions,
Communications and detects the critical
Path method is an algorithm for
Scheduling a set of projects
It's a common used in conjunctions
with the Program evolution
Review techniques