# The Modi And Vam Methods Of Solving Transportation Problems

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Lec-25 Modi Method Transportation Problem in hindi | Operation research I Modi Method Using Vam ~~Transportation problem [ MODI method - U-V method with Optimal Solution ] kauserwise~~ **Test for Optimal Solution to a Transportation Problem Using MODI Method** ~~How To Solve An Unbalanced Transportation Problem PART-2 | MODI Method | UV Method Optimality Check~~

Test for Optimality [MODI METHOD] OR [Applying U-V METHOD] of Transportation Problem**UNBALANCED Transportation problem - VAM method with complete solved problem by G N Satish Kumar** *Transportation-Modi Method* **Degeneracy in Transportation Problem using modi[u-v] method** ~~Operations Research(vol-3)-MODI or UV-method by Srinivasa rao~~ ~~Unbalanced Transportation Problem|Northwest|Least cost|VAM|With Simple Procedure by kauserwise~~ ~~VAM with MODI method ll important for transportation problem ll~~ ~~[hindi] Vogel Approximation Method - Transportation Model in hindi part 3 - Opearation Research~~ ~~Transportation Problem Optimal Solution with MODI and ZQ (Total Cost)~~ ~~Lecture 1 #transportation (Vogal ' s Approximation Method ) (VAM)~~ *Transportation Problem | MODI method | IBFS Optimality Check | UV Method | Operations Research* **How to Optimize a Transportation Problem** Vogel Approximation Method ~~How To Solve An Assignment Problem. #1 | Hungarian Method~~ *PERT in Tamil*

Assignment Problem | Unbalanced | Maximization Type | Hungarian Method*Operations Research(OR) Tutorial #4: MODI Method Explained in 3 Easy Steps!* Transportation model - Example 15 - degeneracy *How To Solve Transportation Problem | Vogel's Approximation Method (Best Way) | Happy Learning Modi Method | Transportation Problem (Hindi) How To Solve An Unbalanced Transportation Problem - PART-1* Vogel's Approximation Method(Vam) | Transportation Problem in English Degeneracy in Transportation Problem||UV Method||Modi Method||Operations research||kauserwise Transportation Problem | UV Method | MODI Method | Optimality Test ~~Transportation Problem Using UV or MODI Method[Part-3]~~ ~~Modi[u-v] Method | Transportation Problem in Hindi~~ ~~The Modi And Vam Methods~~
T4-4 CD TUTORIAL 4THE MODI AND VAM METHODS OF SOLVING TRANSPORTATIONPROBLEMS TABLE T4.2 Second Solution to the Arizona Plumbing Problem FROM TO ABCFACTORY D E F WAREHOUSE $5 $8 $4 $3 100 100 100 300 $4 $3 300 $9 $7 $5 300 700 200 200 200 TABLE T4.3

~~The MODI and VAM Methods of Solving Transportation Problems~~
(PDF) MODI & VAM Methods | Dalgobind Mahto - Academia.edu The MODI (modified distribution) method allows us to compute improvement indices quickly for each unused square without drawing all of the closed paths. Because of this, it can often provide considerable time savings over other methods for solving

~~(PDF) MODI & VAM Methods | Dalgobind Mahto - Academia.edu~~
and Vogel ' s Approximation Method (VAM). MODI METHOD The MODI ( modified distribution ) m ethod allows us to compute improvement indice s quickly for each unused square

~~(PDF) Solving Transportation Problems: MODI and VAM Methods~~
Since there is no negative index computed, it means that using the MODI method, the VAM solution is the optimal solution of the company. The Improvement Indices (Iij) are computed as follows: RA-W2 index = 25 – R1 – K2 = 25 – 0 – 10 = 15 RB-W1 index = 15 – R2 – K1 = 15 – (-2) – 10 = 7 RB-W3 index = 8 – R2 – K3 = 8 – (-2) – 10 = 0 RD-W3 index = 0 – R3 – K3 = 0 – (-10) – 10 = 0

~~VAM and MODI Method in Solving Transportation Problems~~
Problems: MODI and VAM Methods Since there is no negative index computed, it means that using the MODI method, the VAM solution is the optimal solution of the company. The Improvement Indices (Iij) are computed as follows: RA-W2 index = 25 – R1 – K2

~~The Modi And Vam Methods Of Solving Transportation Problems~~
3/15/2016 Solving Transportation Problems MODI & VAM Methods Prof.(Dr.) Dalgobind Mahto | THIS PAGE IS LEFT INTENTIONALLY BLANK This Transportation Problem has been solved with two techniques for solving transportation problems: the MODI method and Vogel ' s Approximation Method (VAM).

~~MODI & VAM Methods - MAFIADOC.COM~~
Title: The modi and vam methods of solving transportation problems, Author: Cecile, Name: The modi and vam methods of solving transportation problems, Length: 4 pages, Page: 1, Published: 2017-09 ...

~~The modi and vam methods of solving transportation ...~~
In this paper, an optimal solution of Transportation programming problem has been considered. To obtain initial basic feasible solution (IBFS), the work shown here is donewith Vogel " s approximation method (VAM). The MODI method is applied for

~~(PDF) A VAM AND MODI METHOD TO SOLVE THE OPTIMALITY FOR ...~~
Transportation Problem | Set 6 (MODI Method – UV Method) There are two phases to solve the transportation problem. In the first phase, the initial basic feasible solution has to be found and the second phase involves optimization of the initial basic feasible solution that was obtained in the first phase. There are three methods for finding an initial basic feasible solution,

~~Transportation Problem | Set 6 (MODI Method - UV Method ...~~
Metode Modi (Modified Distribution) 3. MetodeVAM (Vogel ' s Approximation Method) Pada sesi ini hanya akan dibahas mengenai metode transportasi dengan metode VAM, sedangkan metode Stepping Stone dan MODI sudah dibahas pada sesi tulisan sebelumnya. Metode VAM.

~~METODE TRANSPORTASI APROKSIMASI VOGEL (VAM) | digensia~~
Solve the transportation problem using modi method and calculate the total minimum cost and generate iterations for your transportation problem using the below MODI calculator. This calculator helps you to find the unused route with the largest negative improvement index. Enter the number of rows and columns and the values for supply and demand ...

~~MODI Calculator | Transportation Problem using MODI Method~~
In general, we let The MODI method then requires five steps: 1. To compute the values for each row and column, set R i + K j = C ij but only for those squares that are currently used or occupied. For example, if the square at the intersection of row 2 and column 1 is occupied, we set R 2 + K 1 = C 21. 2. After all equations have been written, set R 1 = 0. 3.

~~3_MODI_VAM - Online Tutorial The MODI and VAM Methods of ...~~
Method (VAM) merupakan metode yang lebih mudah dan lebih cepat untuk digunakan dalam mengalokasikan sumber ... perhitungan dengan metode MODI, menghitung nilai baris dan kolom . 25 Ke Dari Gudang A=20 Gudang B=5 Gudang C=-5 Gudang D=0 Kapasitas Pabrik Pabrik W=0 50 90 Pabrik H=15 60 Pabrik

~~METODE VOGEL ' S APPROXIMATION (VAM)~~
Vogel ' s Approximation Method Definition: The Vogel ' s Approximation Method or VAM is an iterative procedure calculated to find out the initial feasible solution of the transportation problem. Like Least cost Method, here also the shipping cost is taken into consideration, but in a relative sense.

~~What is Vogel's Approximation Method? definition and ...~~
and Vogel ' s Approximation Method (VAM). MODI METHOD The MODI ( modified distribution ) method allows us to compute improvement indices quickly for each unused square

~~Solving MODI & VAM Problems Methods~~
Definition: The Modified Distribution Method or MODI is an efficient method of checking the optimality of the initial feasible solution. The concept of MODI can be further comprehended through an illustration given below: Initial basic feasible solution is given below: Now, calculate the values of ui and vj by using the equation: ui+vj = Cij.

~~What is Modified Distribution Method? definition and ...~~
NOTE: Formula "pij = ui+vi-Cij" according to this formula the optimal values should be Zero or less than Zero which mean Zero or negative values, and in this...

~~Transportation problem [ MODI method - U-V method with ...~~
#VAM #MODImethod #Transportationproblem In this I just explained the Vogel's approximate METHOD with Modifications method .RIM condition and Total cost which is same into in other method of ...

~~VAM with MODI method ll important for transportation problem ll~~
Pada dasarnya masalah transportasi merupakan masalah LP yang dapat diselesaikan dengan metode simpleks. Karena metode simpleks menimbulkan penyelesaian yang lebih sulit, maka penyelesaian masalah transportasi akan lebih mudah dengan menggunakan metode Stepping Stone, Vogel ' s Approximation Methods (VAM), dan metode MODI (Modified Distribution).