













<p>Zielfunktion: Minimiere</p> $K = c_{11}x_{11} + c_{12}x_{12} + \dots + c_{1n}x_{1n} +$ $c_{21}x_{21} + c_{22}x_{22} + \dots + c_{2n}x_{2n} +$ \vdots $c_{m1}x_{m1} + c_{m2}x_{m2} + \dots + c_{mn}x_{mn}$	<p>Damit lautet die Kostenfunktion:</p> $K = 2x_{11} + 6x_{12} + 5x_{13} + 7x_{14} +$ $2x_{21} + 7x_{22} + 9x_{23} + 4x_{24} +$ $x_{31} + 3x_{32} + 4x_{33} + 2x_{34}$
<p>Unter den Nebenbedingungen</p> <p>Angebotsgleichungen</p> $\sum_{j=1}^n x_{ij} = a_i \text{ für alle Angebotsorte } i = 1, 2, \dots, m$ <p>Nachfragegleichungen</p> $\sum_{i=1}^m x_{ij} = b_j \text{ für alle Nachfrageorte } j = 1, 2, \dots, n$	
<p>Gesamtangebot und Gesamtnachfrage gleichen sich aus:</p> $\sum_{i=1}^m a_i = \sum_{j=1}^n b_j$	

Matrix der Transportmethode

<div> <div>nach</div> <div>von</div> </div>	B_1	B_2	B_3	B_4	Angebot
A_1					
A_2					
A_3					
Nachfrage					