



i € (noso orden)

K & C (CAMIONES)

dig ER + tiempo entre noo i yj

ien, Sen (miga ordents)

SKCK (miga amiones)

variables Xijk: 1 1 stel amión k hace el amino ig

Jik: 1 1 siel cambón sirve al novoi 1000

Vini ZX Xiin JER

min Z' dij Kij k

Fullfillment $\sum_{k}^{7} y_{i,k} = 1$ (sos 1)

ryéded (yik =0 Fierblock)

had cola yin= ~ Fie Q(K)

Starting Point Zi xin = 1 Yr, i = origin (K)

Flow conservation] + i Xijk = [Xvik - Zik YK, i i + origin(i

Thow when $\frac{2}{2}k = 1$

CONFLICATION Zin

I Zik = (YK , i + onein (K)

.

Sub rour constituent (MTZ formulation (IVI < 50)

Mike Ztt,

- (1) Mik Mjk +1 = [V]. (1- xijk) Hijk : i,j + ongin (k)
- (2) $\mu_{ik} = = 1$ $\forall ik, i = origin(k)$
- (3) $|V| \ge u_{i,K} \ge 2$ $\forall i,k : i = origin(K)$

