$V_{N}(n;\hat{c_{j}},\hat{d_{j}}) = (c_{N}-\bar{c_{j}})P(c_{N}-\bar{c_{j}}) + \sum_{i}(c_{k}-\bar{c_{j}})Q(c_{k}-\bar{c_{j}})$ + (Ux-U;) R(Ux-U;)=

Then, the cost function VV can be written down as a function of z as follows

where

$$\frac{1}{2}H = \begin{bmatrix} Q_{RQ_{R}} & \bigcirc \\ \bigcirc Q_{R} & \bigcirc \\ \bigcirc Q_{R} & \bigcirc \end{bmatrix}$$
 and $q = -2[\bar{c}jQ_{R}\bar{c}j_{R}\bar{c}j_{Q}]$
 $\bar{u}j_{R}...\bar{c}j_{Q}\bar{u}j_{R}\bar{c}j_{Q}]'$

The constraints have the form: $0 \le Z \le Z \max$ where $Z \max = [U \max X \max --- U \max X \max] \in \mathbb{R}^{N(n+m)}$

Now notice that the equality constraints

Chi = ACH BURH Body, VKENIO, N-13, given

that defi = de, VKENIO, N-13 can be written as

follows:

I. CN - ACN-1 - BUN- = Bado,

which is: then written in the form K-Z=L, i.e.,