$$0 = G_{i}(0) = \frac{4}{Q_{i}} + \frac{4x+2}{a^{2}+Q_{i}} + \frac{4\beta+2}{b^{2}+Q_{i}} + \frac{4\beta+2}{c^{2}+Q_{i}} + \frac{1}{Q_{i}} = \frac{1}{Q_{i}} \frac{1}{Q_{i}} =$$

$$\frac{\omega^2}{c_0^2} = 2\left(\frac{\lambda}{a^2} + \frac{\beta}{b^2} + \frac{\gamma}{c^2}\right) - \sum_{i=1}^n \frac{4}{Q_i}$$

$$i = 1, ..., h$$

$$8 \ln(x) = const. \cdot \times_{i}^{\times} \times_{i}^{\times} \times_{i}^{\times} \times_{i}^{\times} \times_{i}^{\times} = 1$$

$$1 = 1, \dots, n$$

$$1 = 1, \dots,$$

"it should be stableized so it does not dinge.

$$G(Q^{(2)} + SQ) = G(Q^{(2)}) + Q = Q$$

$$\frac{QG}{QQQ} = Q$$

$$SQ = -\left(\frac{\partial G}{\partial Q}\right)^{-1}G(Q^{(2)})$$

no computationally expensive

$$\left(\frac{\partial G}{\partial \theta}\right)_{g(8)}^{-1} S Q = G\left(g^{(8)}\right)$$
 is better.

some unerical trickery + Garss-elimination

 $9^{(8+1)} = 9^{(8)} + 89$  0 whis can be iterated to get a good of 9 0 this can be iterated to get a good of 9

o 111111 o 11111 o 1111 o

-a2 p -62 -c2 o

we put us charges here eqidistantly to "Rispace"

this will be O(0)

· components are ordered of Co2C...

· after adding SO the relation between Co-s should stay the sale.

- a<sup>2</sup> ( O<sub>1</sub> ... < O<sub>1</sub> < -b<sup>2</sup> < ... < O<sub>1+1+1+1</sub> < O

  the "walls" stug at the same place after

  every iteration.
- oil the config is olay Newton-Rapson can be used to refine the solution.
- o we can try  $\frac{1}{2} \cdot 80$  if the previous build was  $\frac{1}{8} \cdot 80$  band.

  Start here:  $9 = 0 \quad \Lambda = 1$   $9 \cdot 80 \quad + \Lambda \cdot 80 \quad 9 \cdot (811)$   $9 \cdot 80 \quad + 1 \cdot 100$   $9 = 8 \quad \Lambda = \frac{3}{2}$   $9 \cdot 100 \cdot 100$

only a few studing steps are reeded to stableize the process.

a, b, c -> a, b  $\omega_{\perp} = \omega_{x}, \omega_{y}$ 0000 Cylindrical case rew, reconalised dange in the widdle with we conserved It is easier to start from scratch: X1 X2 X3 Su = gluleine 28 Sil (1-8? - 2?)
the new pre-facture. 1 No same calc., same equations. can be repeated...  $\frac{\omega^2}{C_0^2} = 2\left(\frac{|\omega|}{a^2} + \frac{\gamma}{b^2}\right) - \sum_{i=1}^{7} \frac{4}{Q_i} + \exp \operatorname{freq}.$  $0 = \frac{4|m| + 4}{a^2 + 0} + \frac{4y + 2}{b^2 + 0} + \frac{4}{0} + \frac{1}{0} = \frac{1}{0$  $a, b \rightarrow a$  $\omega_0 = \omega_y = \omega_y = \omega_z$ -az 0 spherical case renormalized value  $r \in \mathcal{C}_{m}(\mathcal{O}, \mathcal{C}) \left\{ \prod_{i=1}^{T} \left( 1 - \frac{v^{2}}{\alpha^{2} + \mathcal{O}_{i}} \right) \right\} = \delta n \text{ the fixed}$  $\frac{\omega^2}{C_0^2} = \frac{2\ell}{\alpha^2} - \frac{1}{2\ell} \frac{4}{2\ell}$ 

O =  $\frac{4}{Q_i}$  +  $\frac{4l+6}{a^2+Q_i}$  +  $\int_{j=1}^{n} \frac{Q_{j}-Q_{j}}{Q_{j}-Q_{j}}$  for  $l=q_{j}$ .

I this for gives a new evaluation of a hypergenetic political is the moun solution for this prob.)

political also gives the voots...