Consider the heater of army tents using on-off iconstruct flow, heater. Gran)

Z=#tof tob (26[1, Z]) G= # of govertors (96[1, G]) n= plang herror for optim, gerton c= sale town on all ... マサるまに i = "5 She tompured malex with moves time t (i & [1, n]

Tais = text temperature Qz = text heat provided by heater

Using = Skytus of Leater for text of at time relex i.

Uggi = 5 bots of greater glat time make i,

Fg = balkers of the arrived by greater o.

Pg = Power provided by gueration g.

Power consumed by hunter t.

Nz= Effering of heater & (Pour carring time to hunt crepent).

Rz= resistance parametr of text &

( ) - aparture parmen of let ? Es, = Louds on fut ( & solon + integra). Z Weat 501-air andlor early contyred split.

1 Stake

Uz, i & [O,1]

Mgil E [O,1]

TZ, ER

Constant,

Consider Physics Cadre, = (TziToi) + gz, + uzid z

 $\frac{d\theta_{z_i}}{dt} + \frac{\theta_{z_{ij}}}{C_{zl_z}} = \frac{\theta_{z_{ij}}}{C_{z}} \quad \text{with } \theta_{z_{i0}} = T_{z_{ij-1}} - T_{0i}$ 62, i(t=0) = 02,0

The gaves | solution to @ is',

$$\theta_{z,i} e^{+\frac{1}{2}\pi c} = \int g_{z,i} e^{+\frac{1}{2}\pi c} dt + D$$
 $\theta_{z,i} e^{+\frac{1}{2}\pi c} = + \theta_{z,i} R e^{+\frac{1}{2}\pi c} + D$ 
 $\theta_{z,i} e^{+\frac{1}{2}\pi c} = + \theta_{z,i} R e^{+\frac{1}{2}\pi c} + D$ 
 $0 = \theta_{z,0} - \theta_{z,i} R$ 
 $\theta_{z,i} e^{-\frac{1}{2}\pi c} = + \theta_{z,i} R e^{+\frac{1}{2}\pi c} + \theta_{z,0} + \theta_{z,i} R$ 
 $\theta_{z,i} e^{-\frac{1}{2}\pi c} = + \theta_{z,i} R e^{+\frac{1}{2}\pi c} + \theta_{z,i} R e^{+\frac{1}{2}\pi c} + \theta_{z,i} R e^{+\frac{1}{2}\pi c} + \theta_{z,i} R e^{-\frac{1}{2}\pi c} + \theta_{z,i} R e^{-\frac$ 

- Tz, i Z Til + z, i
- 3 Tail = Tend + 8,0

min & Ugits mining her comptine over plany hera.