3PR + RP = - 3RuTkcHP. Nav, P = PA + PLgz  $\frac{dz}{dz} = BR$ p = Pigi = PLg BR Substituting cit into main equation; 3PR + RIPLABR) = - 3RUTKCHP => 3PR + PLGPR2 = - 3RUTKCHP. Salve for Ris 3PR = - 3RutheHP-PLGPR2  $\frac{dR}{dr} = -R_b T k_c H - \frac{p_{LgB} R^2}{3P}$ Edurating stime :- $\frac{dR}{dP} = \frac{\dot{R}}{\dot{P}} = \frac{-R_0 T k_0 H - P_0 g_B R^2}{3P}$   $P_0 g_B R$ 

BSE INVESTOR PRO

For Physical Vapor Depositioni-

- · 1D grenowth: Conjustal governs only so the +2 dissertaion from 2=0 to 2=L(t).
- Instantaneous Conjetablization in every moderate analysing at the Interview doseres with 100% officiency.
- · I satherman doutendace Into sepace dempenature linder is pine scanled -
- · Constant peroperaties
- · Nogdigible vapor side desistance: mass flux In(d) is taken as known (an Junged and an empirarial genouth date).

Governing Equations

· Hoat anducation of the soliding

$$P_s \ l_s \frac{\partial T}{\partial t} = k_s \frac{\partial^2 T}{\partial u^2}, \ 0 < a < l(4)$$

· Ste Jan Ceneragy) condition at 1 = L(t)

Since, les = Ro2 commangei R2P3 = Ro2P3 -6A[p5, -P,5] Disappearance condition R+0-Set RED at P = Rad, 0 = Ro2Po33 -6A [Pords - Pos3] 7 Pead 53 = Pos + SRo2Po23 = Pos + SRo Po23 12 Zerd = Perd - PA
PLg