$$B(\underline{\omega}) = \frac{\Gamma(v_b + i) \, \mathcal{U}_b^{2v_b}}{\Gamma(v_b) \, \Pi} \qquad \frac{\sigma_b^2}{(\mathcal{U}^2 + 11 \, \omega \, \Pi^2)^{v_b + 1}}$$

$$\frac{\sigma_{11}^{2} \frac{\Gamma(v_{11}+1) \mathcal{U}_{nn}^{2v_{11}}}{\Gamma(v_{11}) \mathcal{A}} \frac{1}{(\mathcal{U}_{1}^{2} + 1 |\omega|^{2})^{v_{11}+1}} >$$

$$= \int Q_{p} \left\langle Q_{ss} \right\rangle_{L} \frac{L(\Lambda^{p+1})_{s} H}{L(\Lambda^{p+1})_{s} H} \frac{L(\Lambda^{n}) H_{s\Lambda^{n}}}{L(\Lambda^{n+1}) H_{s\Lambda^{n}}} \frac{L(\Lambda^{n+1})}{L(\Lambda^{n+1})} \right\rangle$$

1 C: buc

Now; let # = 1 and Ub: Vzz - Vii - 2 Then van (C12) \$\frac{1}{11} \ \frac{\subset}{\subset \subseterminus \subseteq \subseteq \frac{1}{11} \ \frac{\subsete \subseterminus \subseteq \subseteq \frac{1}{11} \ \subseteq \subseteq \subseteq \subseteq \subseteq \frac{1}{11} \ \subseteq \s = 1 (v12-v11-2) v11 0/2 1/2 1/2 2 Tr Vu V11-2 +MAV " +1 = 1 v. (v. - v. - 2) TT V22 +V .. = 5,522. 2 Jonn vzz + v" On on Jon V.

So we retrace the pansin anions Mutein model.
But the really cal thing is that  $v_{i,2}$  7,  $\frac{v_{i}+v_{i}}{2}$  and not =

(Vn+vn)

What about different length scales? From # 564 < 522 72 (Va) [(Vu+1)K2 (Va)) 5,2 [(V2+1) 2 K6 (V2) K2V1 ((V1+1) · (K2+112112)202+2 (K1+112112) 011 +1 (K2+112112) - V22-1 .. What we reed is that (K1+11211) 20, 12 (K"+11211) V", " (K2)+11211) > 1 + W Simplify: (0,+x2) (02+x2) > 1 7 DE

 $= \sum_{i=1}^{n} \left( |A_{i} + A_{i}|^{2} \right) \left( |A_{i} + A_{i}|^{2} \right) \left( |A_{i} + A_{i}|^{2} \right) \left( |A_{i}|^{2} + |A_{i}|^{2} \right)$ 

عرر