Minimal models and Coulomb que formation (Lecture III) [13 When c>25 da, d_ are imaginary and my m - s so h(n, m) will become negative 25 > C> 1 - d'inensière are complex C < 1 - dimensions are real c=2, 20=0 d==±d ; vepres. with mil vectors are those such that h= N2 NEX 1-/dx is rad number - finite cet of operators $\frac{d-}{d+} = -\frac{1}{2}$ $C = \frac{1}{2} - \frac{6(p-q)^2}{pq}$ h(n,m) = 1 [(nq-mp3-cp-95] Unitary subseries: Q=p+1 p>2 $C = 2 - \frac{6}{P(P+2)}$, $M_{n,m} = \frac{1}{P(P+2)} ((n(p+2) - mp)^2 - 2)$ h(n,m) = h(p-n, y-m) OENCP OCMET, PET P=3,4=4 c= /2 I sing model h(1,2)=h(0,3)=0 h(1,2)=h(2,2)=1/46

 $r(3/7) = r(7/3) = \sqrt{3}$

Qu, s) = P(2, s) = Id -spin field $\phi_{(1,n)} = \phi_{(1,n)} = 2$ - energy dens. Φ(2,3)= E E-E = \$ (2,2) x \$ \$ (2,2) = (1 | \$ (2,1)] + (2 | \$ 6(2,1)] = \$\phi_{(1,5)} \times \phi_{(2,5)} = C_1' [\phi_{(2,5)}] + C_1' [[3] +[1] = [8×6] [6] =[8×6] [2] = [3]×6] landomb gas representation T(2)=+1;a(2)a(2):+ do(0a(2) a (0) a(w) ~ (2 - w)? (a(2) = \$(2) c = 1-24 do : e d(2). - conformal weight : e d(d-7d0) du, m = 1-4 + 1 - m d. >hn, m = - 4 do + 4 (nd++ md-) - conformal dim 1 J_{(a)== e d + \phi(a) Fock spaces Fp = daolp=Plp),? : ed \$(0); - corresponds to highest weight vector d.

Conformal blacks:

(bonformal blacks:

(V de (2) Vd (2)) ... Vd (2) St(t) ... St(t))

The integration is not specified yet. total
However, this is something very familiar: charge.

Homology cycles contithe configuration space
With coefficients in the line bundle defined
with coefficients in the line bundle defined
by the corresponding multivalued function.