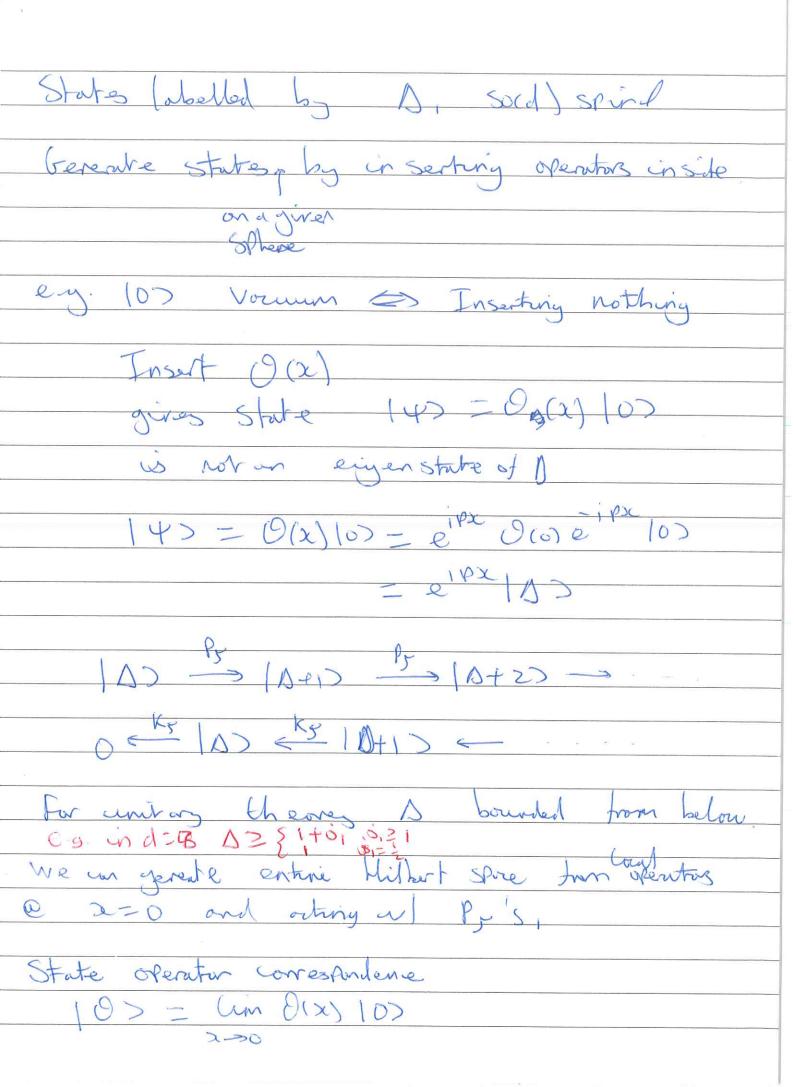
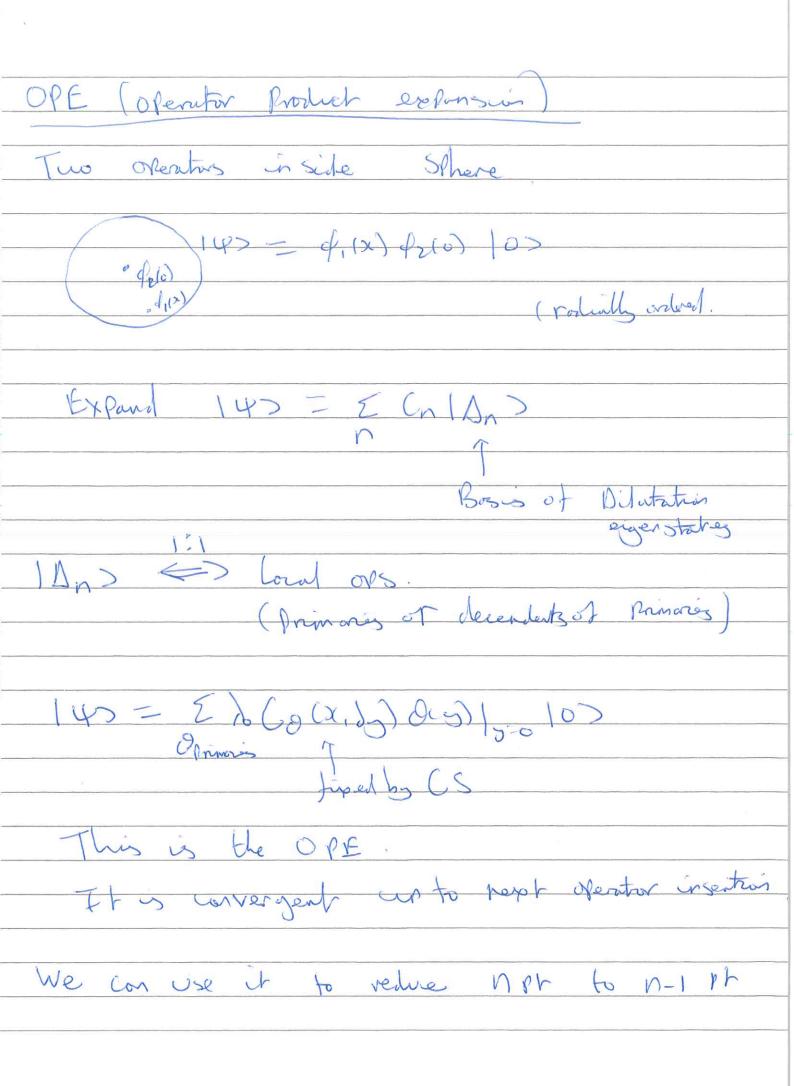


noves is between leaves and quantisation

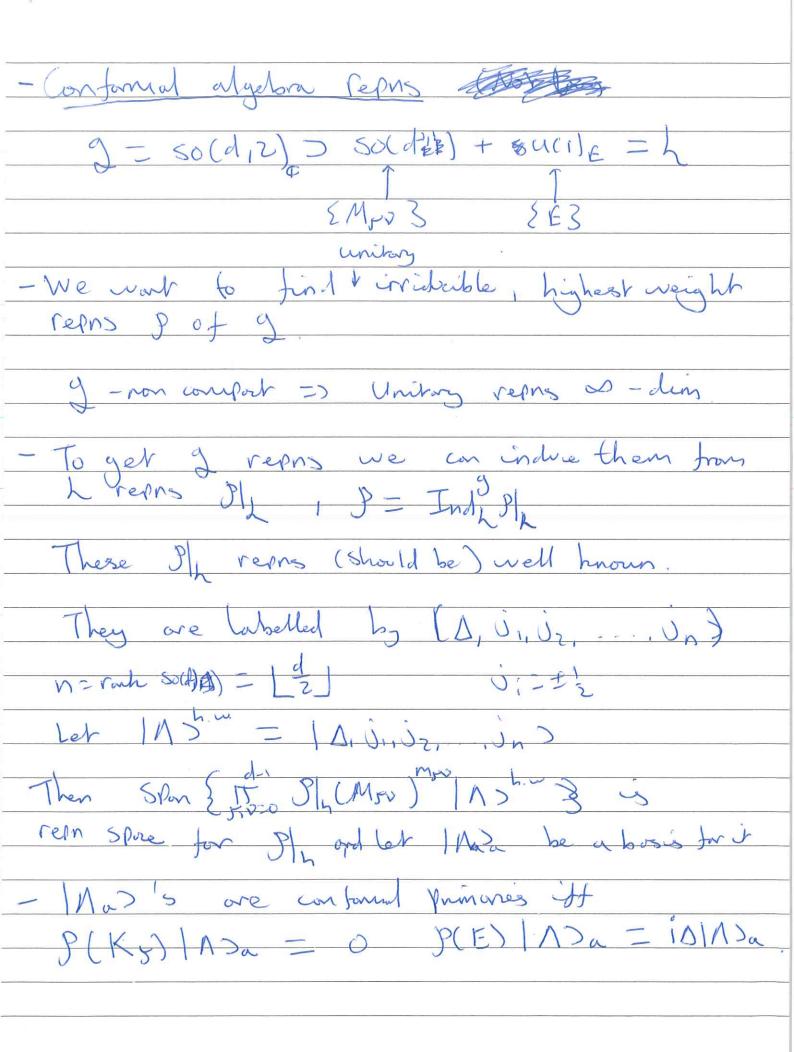
U = e In CFT it is more convenient to use IR is contountly expendent to IRX 8d-1 ds, Rd = dr + r2 dRd-1 = 12 cd e + dRd-1 on that store.

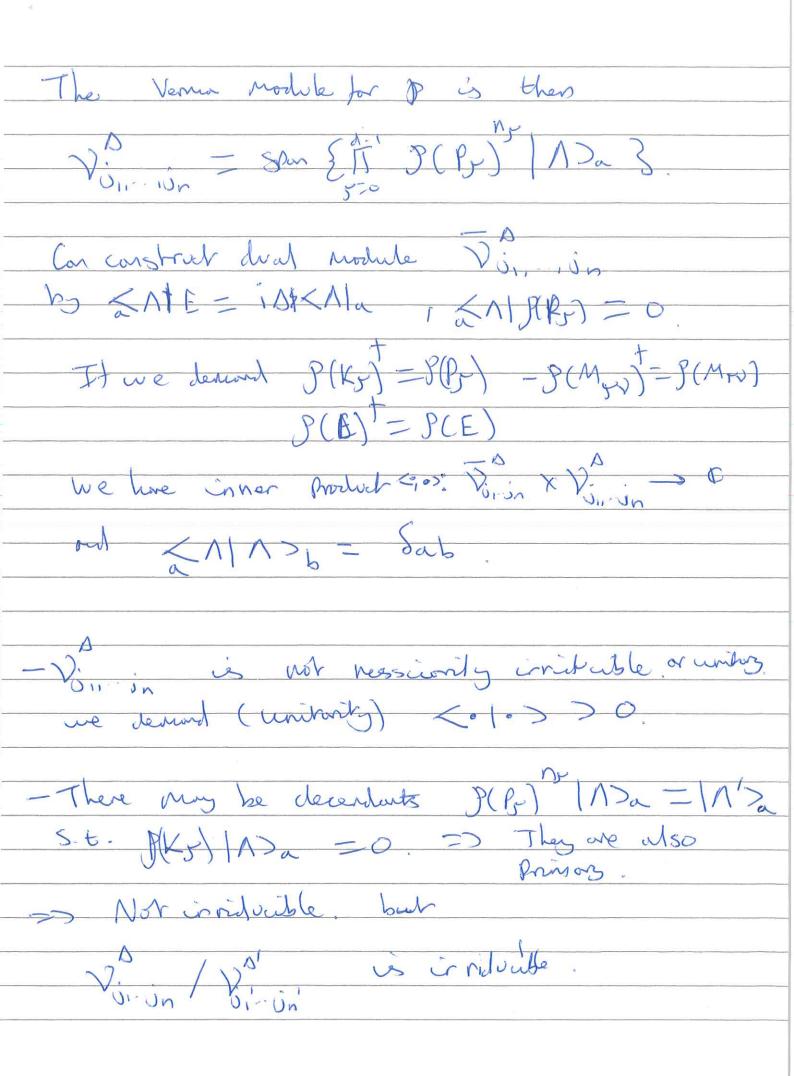




 $<\phi_{1}(x_{1})$ $\phi_{2}(x_{2})$ $\phi_{3}(x_{3})$ = = $\frac{1}{1}$ $\frac{1}{2}$ $\frac{1}{2}$ - / 03 Cq3(x, dy) 1-12/21593. - Afz By conformal Sym (List behive) (X12)(X13) (X23) => fip Co's. E Ao, Do 33's Spents (lord spectrum of a the C+T completely => CFT data. Boot Strup To to tip [ha, Do3 Using Symmetry + univerity alone. 4Pt I'n < If fi(x;)) of scalors.

N- DP; OPE 1,2 + 3,4 2 = £ 120 /260 Go (U/V) OPE 1,4 & 2,3 M= X12 X124 IV = X16 758 2 $\frac{1}{\sqrt{1+\sqrt{2n}}} = \frac{1}{\sqrt{2n}} = \frac{1}{\sqrt{2$ 2 /120 /340 (a,v) = (y) 1 EAMO DEO GOVIN 13, 26 gras no new in for.





More over We con use communation relations to get bounds on It turns out that for d=4 $\Delta \ge \begin{cases} 2+3, +62 & 3.0322\frac{1}{2} \\ 1+0, & 3.12\frac{1}{2}, 32-0 \\ 1+02 & 3.120 & 022\frac{1}{2} \end{cases}$ When bound Sahurated =) conserved currents
e. J. Stress fensor mulkplet 1 A Dh. W. = X 2 14, 111) Conserved current de TPD 52 51+0, 51=1