

$$\mathcal{T} = (A_1, A_2) \qquad (A_1, A_3) \qquad (A_1, D_4)$$

$$M_{\gamma} = \frac{1}{111}$$

$$\frac{1}{111}$$

$$\frac{1}{111}$$

$$\frac{1}{111}$$

$$\frac{1}{111}$$

$$\frac{1}{111}$$

$$\frac{1}{111}$$

$$\frac{1}{111}$$

$$\frac{1}{111}$$

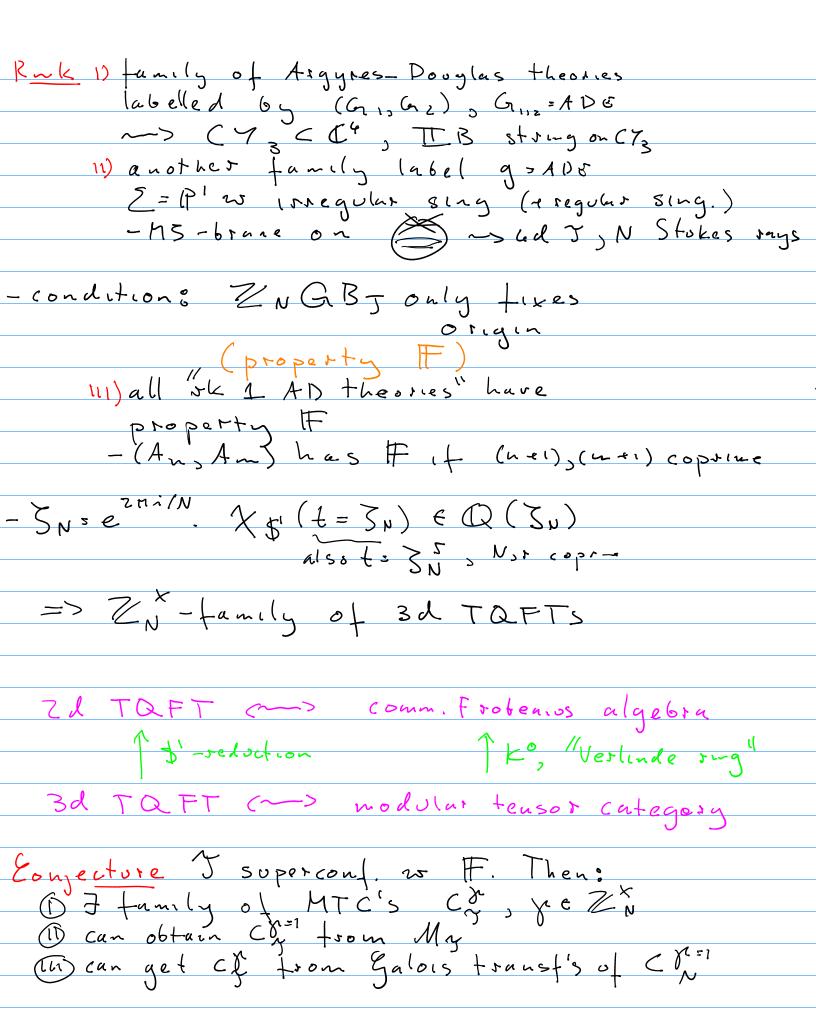
$$\frac{1}{111}$$

- \$-character 
$$X_{s} = T_s$$

$$d_i = weights$$

$$n_i = wultpliesties$$

$$\frac{1}{2} (1-tdi)^{n_i}$$



- what are MTC's? example: (A, Az) N = 5 7/5 = {1,2,3,4} Modular Tensor Entegory: D 1= { 1 } -- 3 label set

ant for simple objects C(A, A2)) ---> C(A, A2) 1 Fusion tole 1×1 -> Zzol 1= {1, 4} (IL) SL(2, Z) GCA "Fibonacci fusion tole" -Sit matrices (1) F, R-matrices 9 x 4 > 1 + 9 => 'q"= Fn-11+ Fnq  $S = \frac{2}{\sqrt{5}} \left( -\frac{5\ln \frac{2\pi}{5}}{5\ln \frac{\pi}{5}} \right)$   $S = \frac{2\pi}{\sqrt{5}} \left( -\frac{2\pi}{5} \right)$   $S = \frac{2\pi}{\sqrt{5}} \left( -\frac$ Chon-unitary MTC (A, Az) = Lee - Yang MTC = cat. of modules of the Lee-Tang model (nonuntary (2,5)-minimal model)  $\begin{array}{c|c}
(uouumran) \\
7 \\
C8 \\
(hAi) L7 \\
(G12) \\
(G1$ bon-unitary

