GCGT Odd SISSA

- Hurwitz p.f. Z(B;psp) = ZXR(p)XR(p)e - Z OV = 2 HR (K) (9, 1). XR(P), PK= AK-A-K

qk-q-K - the system is integrable (KP-hierarchy)

if for the exponential me had $2 \le \beta \times C^{(k)} \times C^{(k)} = \sum \left((R_i - i)^{(k)} - (-i)^{(k)} \right)$ dr = X12 (PK= 8K,1), PO = PI (PKZ, ZA = TK MK, MK) Hurga (2 Di) } = ZlR 2-29 (R(D)) epre(De) 1-4/24 4 21 = 7 (D) = 2 7 (P) = 2 7 (D) PA ₩0 X12 = 4 × (D) Xx 111 C | R | , P (A) = (= (A) $\hat{W} := \frac{1}{7} : D_{S_1} \cdot D_{S_2} \cdot D_{K} = : \overline{1}_{S_1} (\eta_{S_1})$ -claim is Z = [(1010 (0,0); Di. 1, Dz-1, Dz) PAPS Bici Bz. = 2 x/2(p) x/2(p') e 2/3 Die (12(1))

NO 1020V

- trangular structures

- Kerov functions

- variables X,7 denote loving diags.

- Schor funco X2(2 p3), (X12 1 X16, > 5 8 p1

- - - - - Start
- Start
- Start
- Start
- Start
- Total
- Total
Total<

- (nt roduce factor (P) p) = 20800' Togs:

=> orthogonal: Kor (g) Ep3 = X = Ep3 + E KRRI XEIS

- depends on ordering choice (R'< R), where RCR is lexicographical

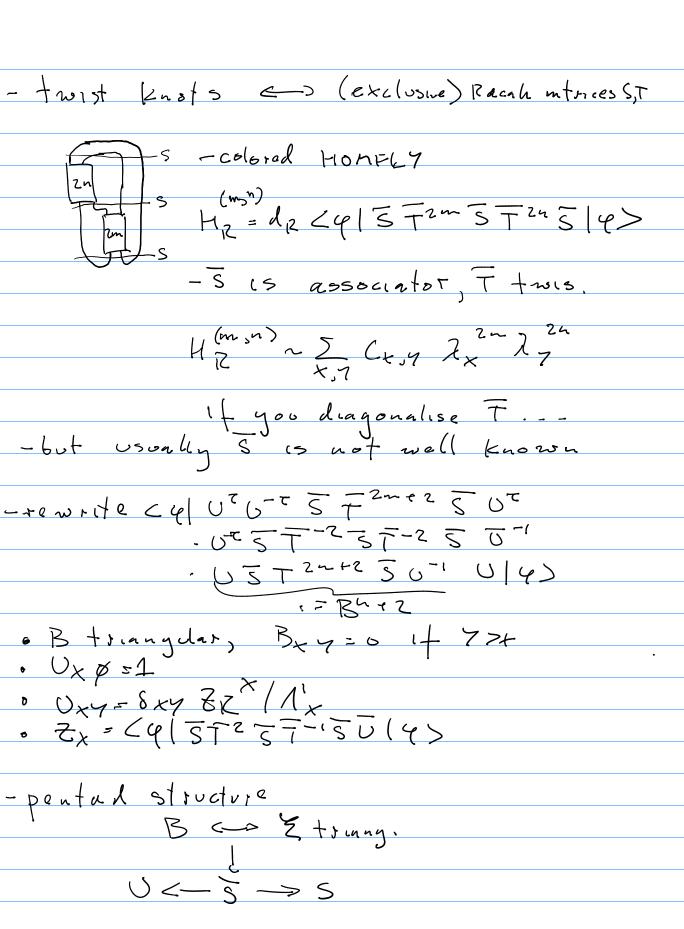
-but look at e.g. transposed diagrams

-you get ter

-closer to sep. th. are MacDonald polys with choice $g:=\frac{2q^3}{2t^3}$ where $2\times3=\chi-\chi^{-1}$

- Schor = Macdonald C Kesov

-for generalised Macdonalls, easiest to consider them as eigen funcs of Some Hamilton -S (4) Kage & Spr Some Hamilton -S (4) Kage & Spr



BsをT2を、5=1, と=U5, 5=をできた T3T = ST1s1