

CAREFULLY : (PT) (TC) (TC) Georgn' (6.8) matrix element (2d T9) cb = - ; facb = | Tc > (-; facb) -ilfbac Tc = (aTa+ptp)=a(ta)+p(tp) = +ilpaboro> 1-1[T9,Tb] gos hermann has [Lat, PT] 80] what is the weight of T'? $\frac{1}{2}\begin{pmatrix}0\\1\\0\end{pmatrix}$ 23 not defined. Namitable ton es BETTER: well ... dealy not cormalized what is weight of It? 2d T3 |T+> = |[+3,7+1) = +2 |T+> = (4T, 87) | = <4TJ 8T 6G OITE

what is highest weight? 「V+> has weight (主, 雪) What about the interior? 173> Mas Weight (p,0) LT8> Mas Weight (p,0) BC CHI, H; J=0 ER ADJOINT. WHAT DES SU(4) WEIGHT DIABRAM for ADJOINT VOX UKE ?