

0. Why am I giving this talk?

1. Flash the Drinfeld's -GT Formulas.
2. Go over "main course" at global level.
3. Example  $PB_n, IC \mathbb{Q}PB_n, B^{(m)}, \hat{B}$  Fittard  
claim gr  $B^{(m)} = C^{(m)}$  gr  $\hat{B} = \hat{C}$

Where  $C = \langle t^{ij} : t^{ij} = t^{ji},$   
 $[t^{ij}, t^{kl}] = [t^{ij}, t^{ik} + t^{jk}] = 0 \rangle$

then  $B^{(m)} \cong C^{(m)}$  &  $\hat{B} \cong \hat{C}$ , but not canonically.

Proof sketch.

4 a. Utility for problem solving.

b. Duality with finite type int

} on blackboard.

5. The Main Course at local level.

6. Statement & applications of the main theorem,  
 sketch of the proof.