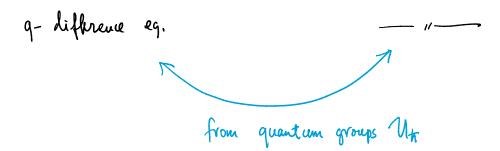


Givental's J-function for tillo (C,n) Nakajima quiver varieties

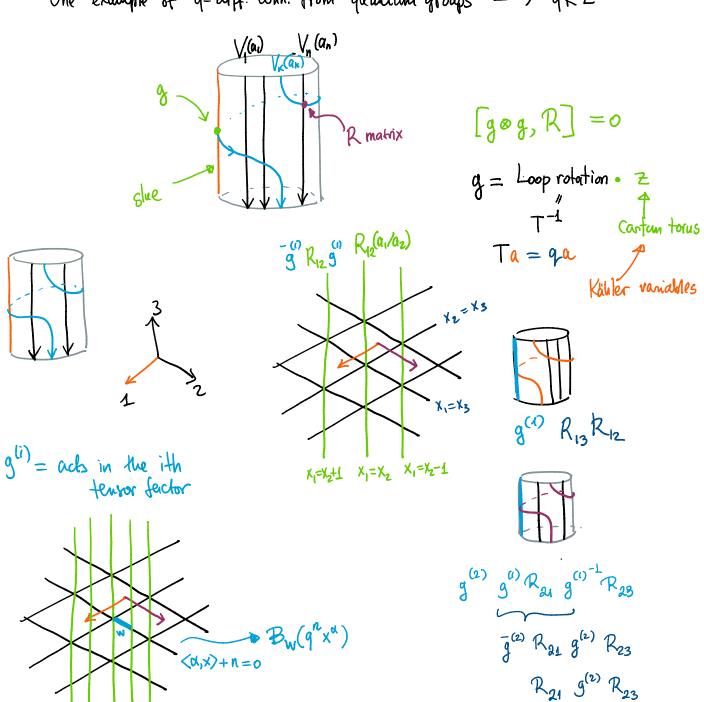
T* (vector space) Queimaps PT moduli spaces, for Ar, 1>0 different solves differential and difference equations much evolved relative of Hypergeometric function $\sum_{i=1}^{m} \frac{(b_i)_d}{(\alpha_i)_d} \qquad (\alpha)_k = \alpha(\alpha+1)...(\alpha+k-1)$ $\alpha_1 = 1$ Kähler variable $\text{equi variant variables} \qquad t_1, t_2 \text{ acts on } J_1 \otimes J_2$ solves linear différence eq. 1. = O(di) /1t, Solves linear differential eq. in DT, quasinaps makes sense in K-theory

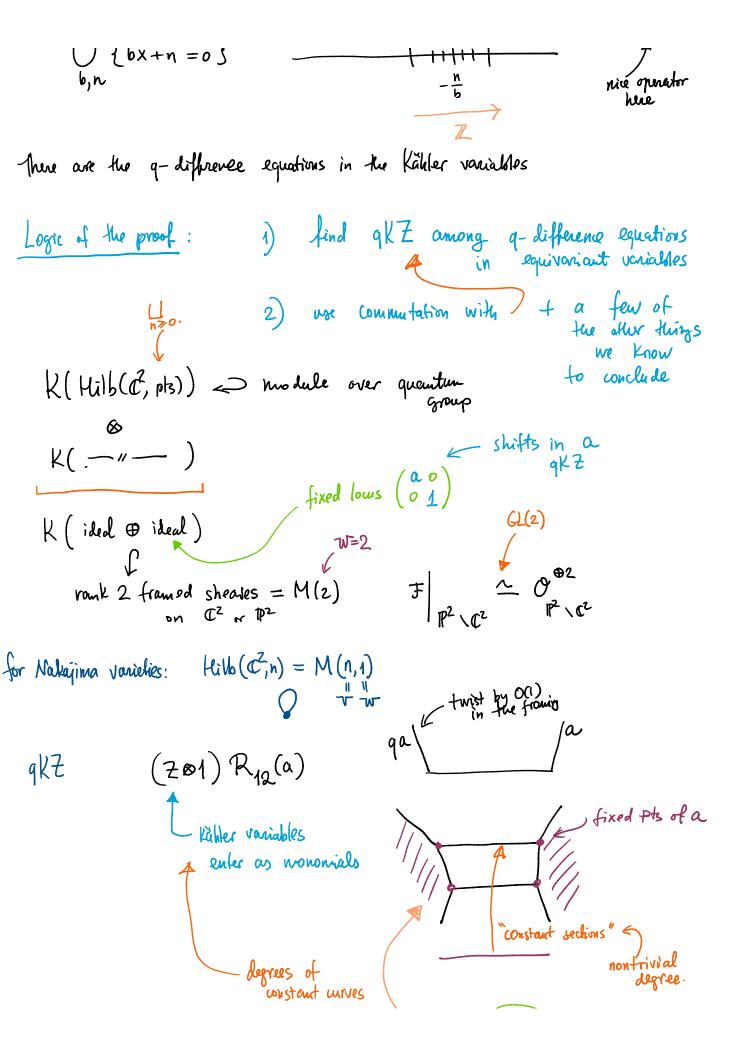
0 60

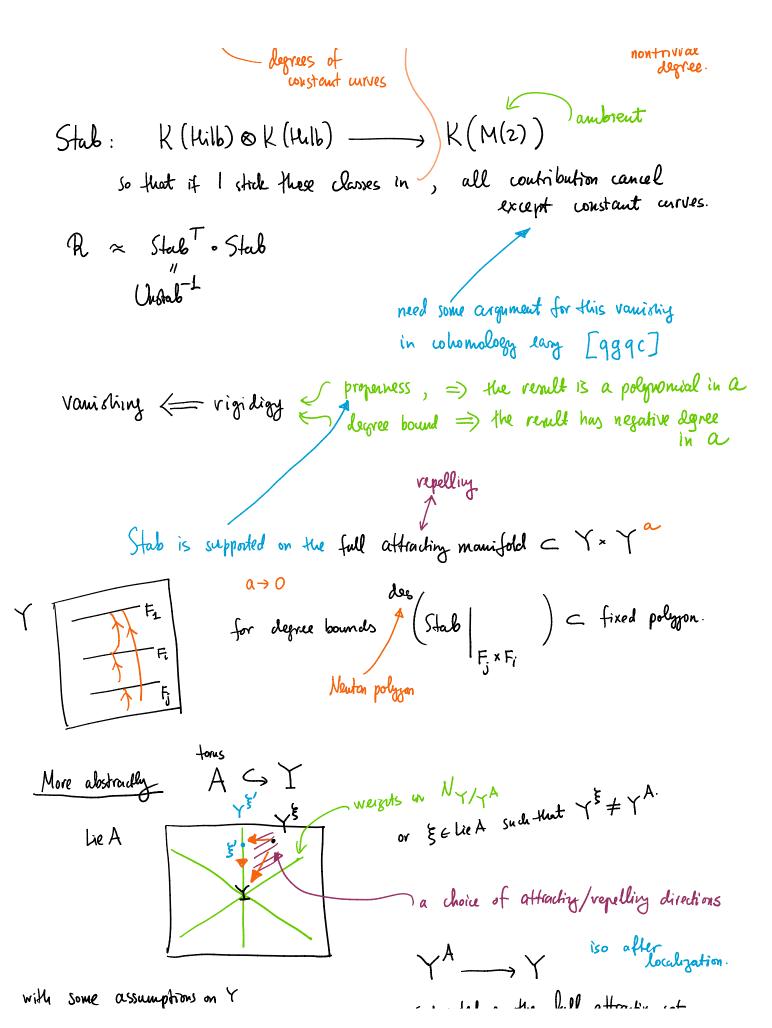
VI, quarmaps makes sense in K-theory



One example of q-diff. conn. from quantum groups -> qKZ







with some assumptions on Y can be commuted

supported on the full attracting set and satisfying some degree condition

R₁₂

M(r) $r = r_1 + r_2 + r_3$ rank r sheaves $A = (T^*)^3 \text{ achs.}$

 $M(r)^{A} = M(q) \times M(r_2) \times M(r_3)$

move generally for Nakojma quiver varieties $w = \sum w^{(i)}$