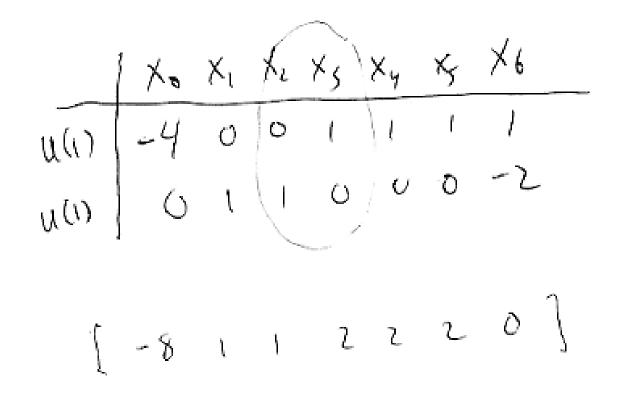
Ledue 5 2-parameter example P1,1,2,22

P(X1,-1,X5) = whole degree &

Infrace X6 (homos, courd used to resolve

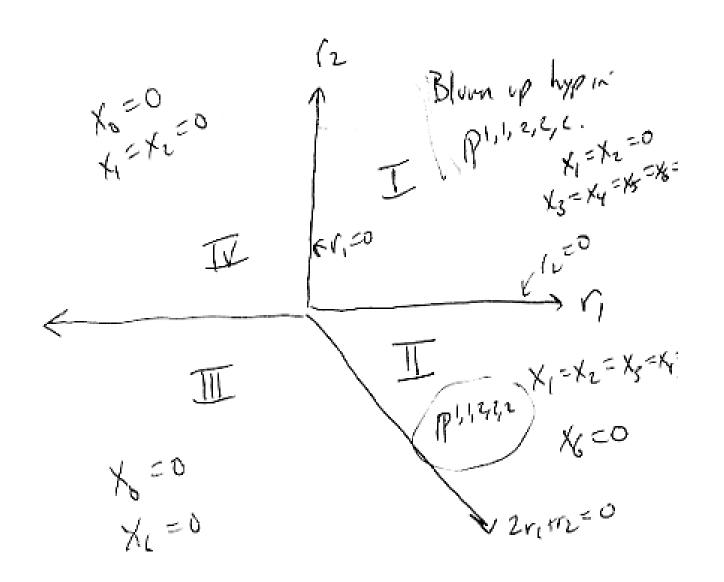
Sings) Introduce Xo (for 6454)

W(x3,X1,-,X1) = X0 P(Xv-,X6)



$$M'(r)/G \cong \mathbb{C}^{N} \cdot 3^{(r)}/G$$
.

(3* has with (r, r))



(can eliminte X6,

Justinton sums:

$$CP \rightarrow X$$
 $CP \rightarrow X$
 $CP \rightarrow X$

$$Y_0=0$$
 = $F_0(s,t)$ has degree $d_0 < 0$
 $P(f_1(s,t), -\cdot, f_0(s,t)) = poly in s,t$
of dyne = d_0 .

X = 0 can be imposed on the modeli spaces of Instrutions. (12 -> Cn-1 setts xo =0. toric analysis: Mo'(r)/G is compact f we're in regim I

 $\langle \langle D_1 D_2 D_3 \rangle \rangle = \sum_{i=1}^{n} \langle D_i D_2 D_3 \cdot \langle \psi \rangle^{-d_0 t}$ makes sense because instrummentalitispaur
are corporate

of do Co, need Xn = [] Sy

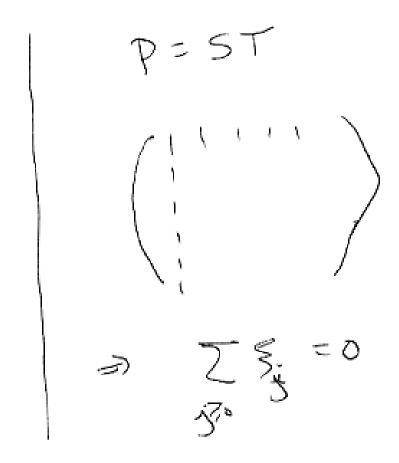
do Co

Instanton Son Calculations in regions I, II, IV ---

Method: proposed by DRM + Roman blesson.

(not a complete derivation).

Observation: form of (K)-do-1+2 are very sunder-



$$\begin{array}{c}
(T) & 3 \\
3 \\
3 \\
3
\end{array}$$

$$\begin{array}{c}
(T) & 3 \\
3 \\
3
\end{array}$$

$$\begin{array}{c}
(T) & 3 \\
3 \\
3 \\
3
\end{array}$$

$$\begin{array}{c}
(T) & 3 \\
3 \\
3 \\
3 \\
3
\end{array}$$

Caho. it torn runety: · algebra with an exta wayping . < >: H*(X) -> C.

a 3.

"Frobenios algebra"

H²(X) generato H⁴(X)

\[D_1 \cdot D_2 \cdot D_3 \cdot - \cdot D_k \rangle [m=] \end{align*}

Formlate instanton Calculation usis.

Generalis S., -, 3n of the algebra

relations: linear relations from F.

(white So = - Z.Sg.)

nonlinear relations 3, -- 3, =0 (f (Xi,= ... Xi) = 0) (s a Campand &. This does not determine a Brobensus alybra. New viny Structure: D1. D2. 30 Ealyahan algebra/Ker (milt. by So).

Leads to Farmal Calculations for
Instruction sums in every region;
agree with original in Jeanshir regions
(e.g., region I).

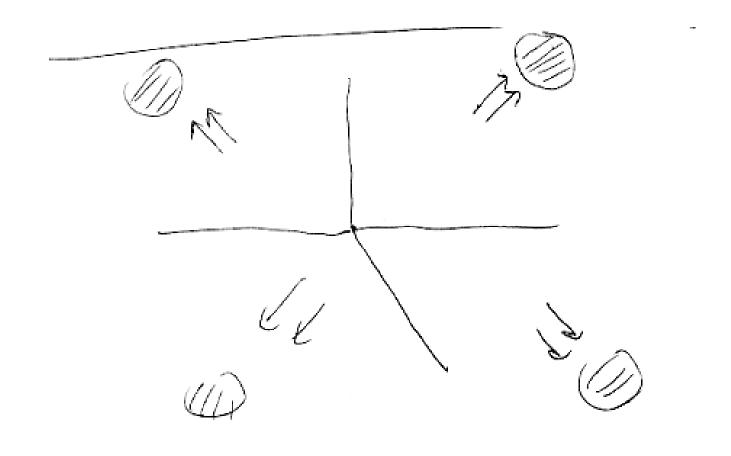
Quintite (ase:
$$\frac{5}{1+5^5} = \frac{2}{(-5)^5} = \frac{5}{9}$$
)

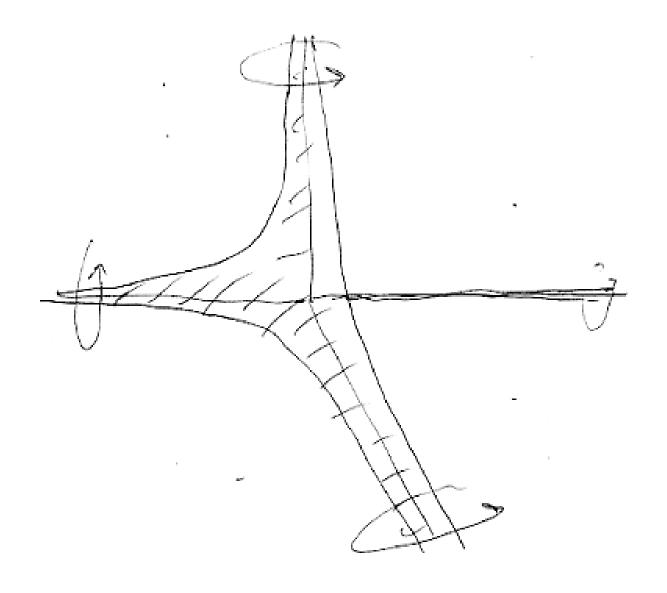
 $\frac{5}{1+5^5} = \frac{2}{9} = \frac{200}{(-5)^5} = \frac{1}{9}$
 $\frac{1}{9} = e^{-200} = \frac{1}{9} = \frac{1}{$

Can expand in
$$g^{-1}$$
 (r<0).

$$\frac{5g^{-1}}{g^{-1} + 5^{5}} = Senē, in g^{-1}$$
Coek are calculated as where

In example 2 calculations can be made in any organ. easist to make in right 3. $\chi_{1}^{\text{M}} = -2^{8n_{1}+2n_{1}+3} \begin{pmatrix} j^{-2}-2n_{2} \\ j^{-2}-n_{1} \end{pmatrix}$ n ∈ dul are to regin II weighted who appropriate is





[19/3/92]

[19/3/92]

Mysteriors as pect: How to analyze the

Teherior in the soon shallow region.

