Kozma

Batyrav MS & GLSA

- secon (X toric if (C) x,

I fans, II polytopes, III factor

-NR DE cone, MRDE lual cone = {~ (cm,v) 20)

- 4 line 6d1 = 6(D), D= Zag bg raysin far my D:= 2m | (m, vg> 2) - as t vge Z(1)} ruysin fur E

- considering (with coords 2g for each Vg take Que us relations Que Vg = 0

- (Cx) N-J CCV as x 8 -> la Ras xs for (2a) us (C)

- x = [" / (()) = (()) / (()) - x

for every Vs, s- s Vsn which do not span a cone let Ss, sn = { xs, sof n. - n { xs = 03

-e.g. we had //// = (3\2x, 20, x, 20, x, 20)/(2

-GUSM = garged lin. Z-model

- USM studies maps & -> CN

- Grach, but in toric we have X=(C'-Z(E))/(C*)

- GISH has Nichinal multiplets Xg(3) - spertners

N-5 vect. -11 - A3 (5) & sportness, belonging to (11)

$$Charge intrx$$

$$-D_{p} \times g(3) = \partial_{p} \times g(3) + \sum Q_{ag} A_{p} (3) \times g(3)$$

$$V(\times g) = \frac{1}{2e^{2}} \left(\sum_{\alpha} Q_{ag} |X_{g}(3)|^{2} - s_{\alpha} \right)^{2}$$