Indeed the property defines an irreducible hypermyface in Dym ?? I invariant under PCL2C. Ravi Vahil computed Was degree: 3762 and gave some other characterizations of the

We my give this property some geometric content.

Lot D be any reduced disser of deg 12 on a proj. line P. Following Deligna-Mostrow we canonder the M6-cover of P totally vanished over D:

DCP Calow ever total ram. over D.

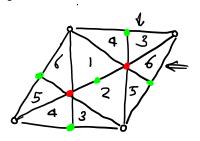
(in affine coord: if D given by $f \in \mathbb{C}[\exists]$ of deg 12, then affine piece of $\mathbb C$ is given by w6=f(2).) Delgre-Mostow assign to C with its µg-action the Jacobson JCC) with the pyraction. They ohow that there data deline a point of a g-din ball quotient [] (an example of a Shimum variety), and Khalt this point actually completely determines D up to proj-equivalence (the moduli space of 12 ell subsets of a mos line (= 5,2/Mo,12) is know realized as a Zanishi-gran subsect of BM/1B9.

Rehin to PSIZZAH. Lot M:= [PSIZZ, PSIZZ] has malex 6 in PSIZZ and PSL_2Z/T = (PSL_2Z) = fr; (you can see that from the iso PSL_2Z = \mu_3 + \mu_2), We get:

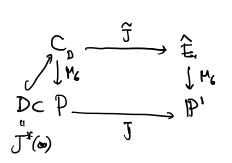
MA =: É It turns out that I is also dramative on P'(Q), so J 46 the premiege of so in E is just one point (a curp of 2). One computes that E has germs 1 PSLZZXH+ = P1

So it will be the ell conve with juniariant o:

g(=) = 1 cusp = origin The tesselchen of Ê by the 6 copies of (here taking the shape of an equilateral triangle is as depicted (opposite sides identified)



Back to the case of rahunal ellytic surface. Then CD - P is the pull-back of Ê-1P! We have a Carteson diagram arbelow.



Jac (CD) cames with a My-porgection with Hena Joc(色) 空色.

This projects makes that under the Deligne-Madrow consmiching (Jac(Co), Mo) lands in an 8-dimensional ball quakent In \Be - In \B9.

BB C 189 For - Ton.

This goves a complex-hyperbolic shuture on the mobili space of rathonal elliptic surfaces!