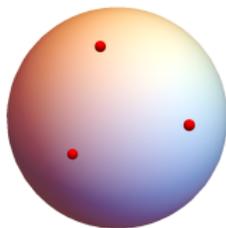
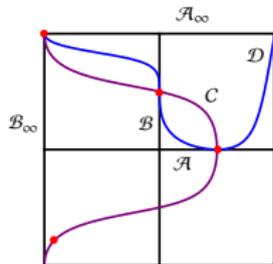
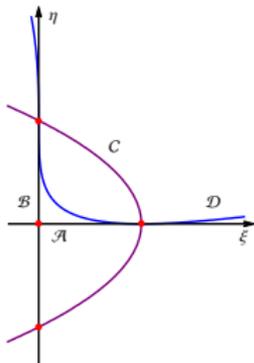


The mirror of  $\mathbb{P}^4[5]$



2-parameter K3 hypersurface in toric variety



- compute the fundamental period  $\varpi_0$  as a residue in the limit  $\xi, \eta \rightarrow 0$
- construct the other three periods  $\varpi_1, \varpi_2, \varpi_3$  using the method of Frobenius
- continue the periods analytically and compute monodromies around singular curves
- two complex structure parameters  $\tau_1 = \frac{\varpi_1}{\varpi_0}$  and  $\tau_2 = \frac{\varpi_2}{\varpi_0}$