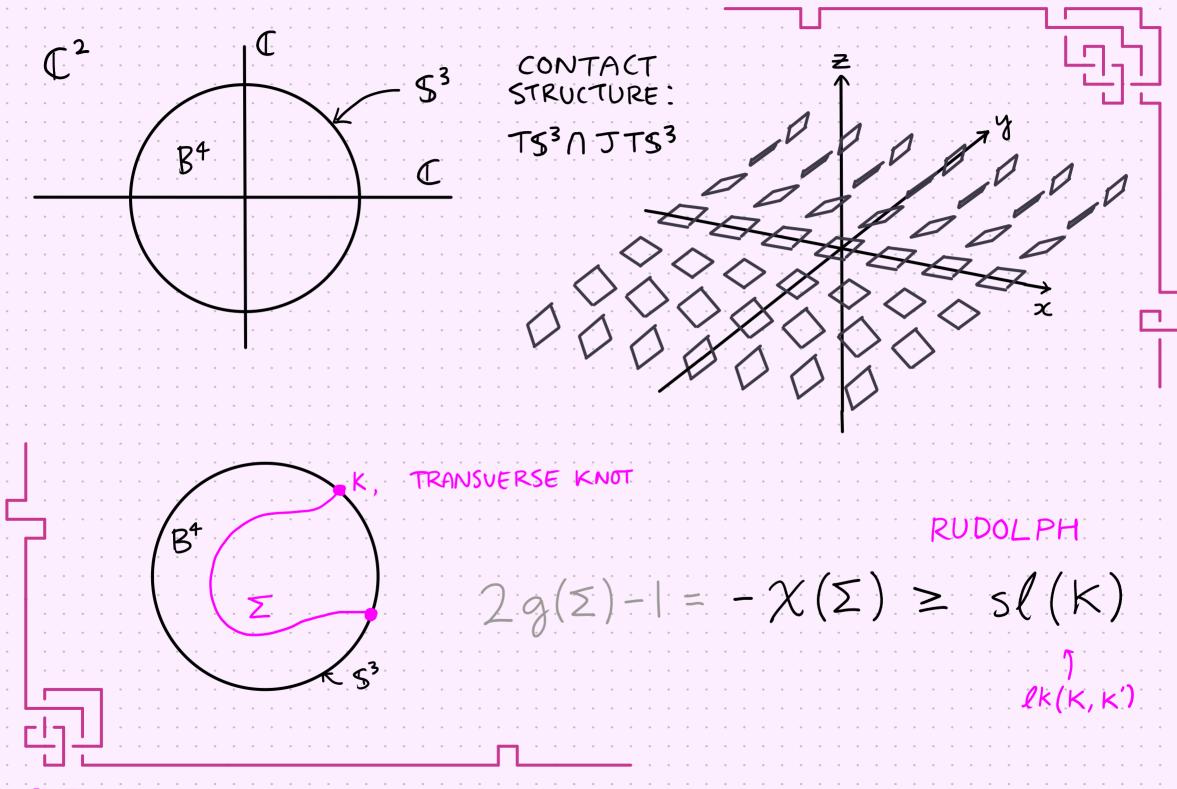


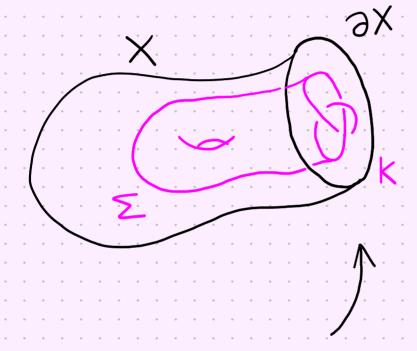
THE SLICE-BENNEQUIN INEQUALITY



GENUS BOUNDS IN CP2-B4

SHINTARO FUSHIDA-HARDY

THE INEQUALITY, MORE GENERALLY



CONVEXITY
CONDITION ON
THE BOUNDARY?

ILISCA - MATIĆ

- ·X STEIN
- · K = OX TRANSVERSE

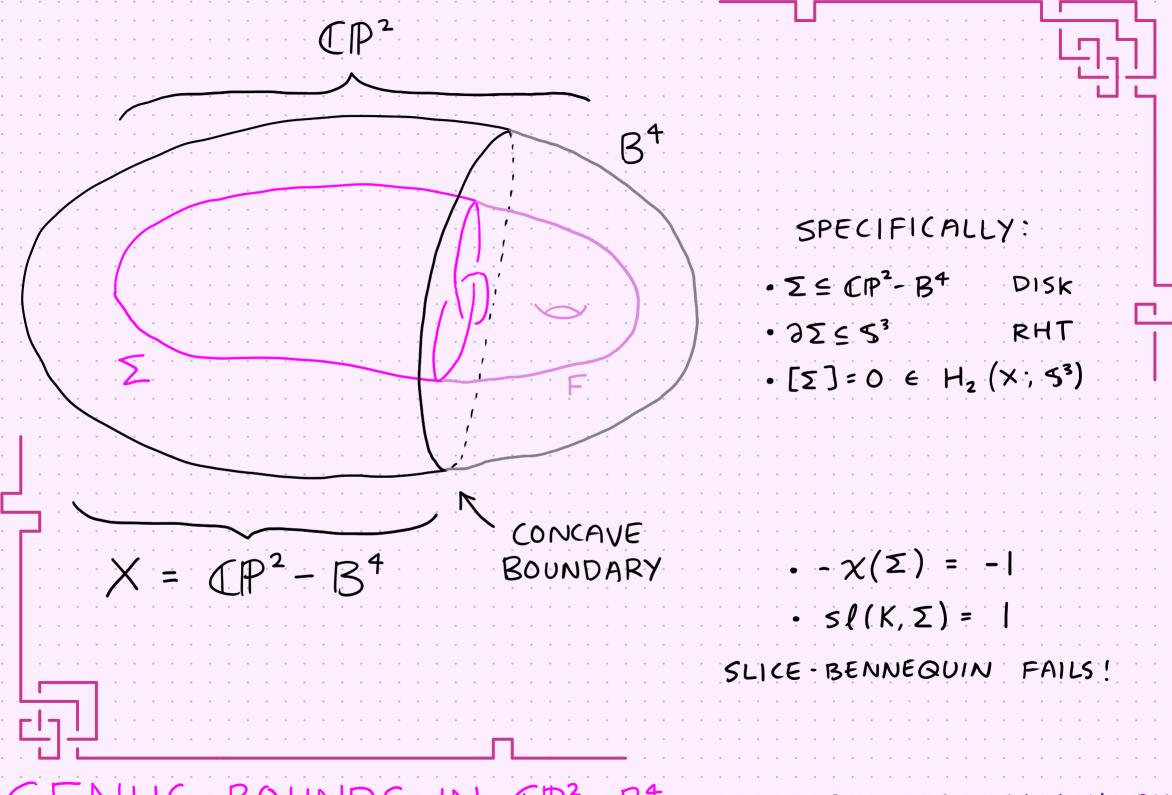
$$\Rightarrow -\chi(\Sigma) \geq sl(K, \Sigma)$$

MROWKA - ROLLIN

- . 5 € Spinc (X, 0X) , SW(5) ≠0
- · K = OX TRANSVERSE

$$\Rightarrow -\chi(\Sigma) \geq sl(K, \Sigma, S)$$

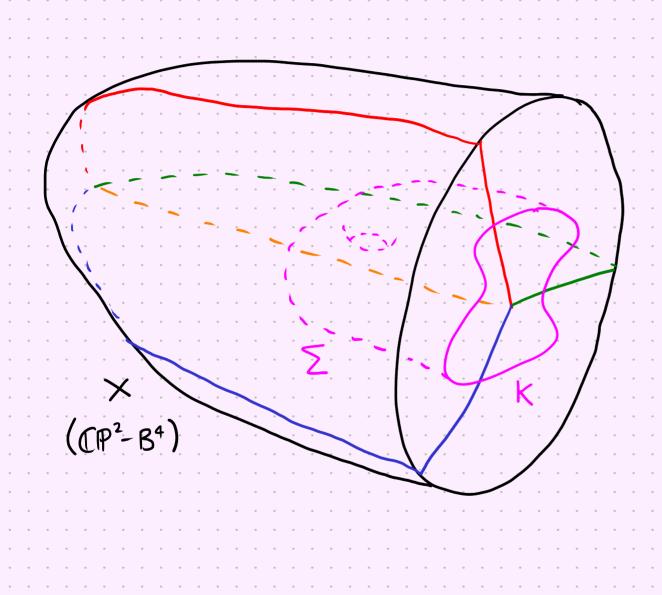
A SURFACE IN CP - Bt



GENUS BOUNDS IN CEP? - B

SHINTARO FUSHIDA-HARDY

WHAT CAN WE DO?



LAMBERT- COLE

- · X, WEINSTEIN TRISECTED
- BRIDGE POSITION
- · K, TRANSVERSE
- $\Rightarrow -\chi(\Sigma) \geq sl(K,\Sigma)$

WHEN ARE THE ABOVE PREMISES SATISFIED?

