

# §9. Example 3

## Signature Formula

$C^*$ : universal complex of  
CHIRAL sing. fibers for proper

$C^\infty$  stable maps  $M^5 \rightarrow N^4$   
ori.

$$\begin{array}{ccccccc} C^1 & \rightarrow & C^2 & \rightarrow & C^3 & \xrightarrow{d_3} & C^4 \\ \parallel & & \parallel & & \text{rk } 3 & & \text{rk } 14 \\ 0 & & 0 & & & & \end{array}$$

[ Prop.  $H^3 \cong \mathbb{Z}$  generated by  $[\mathbb{I}^8]$  ]

