

low 11.2.30 can upper bound as  
for 11.2.28 and similarly lower bound.

fun which you get the limit.

~~det~~  $\nearrow$  sort  $t^* \in B_{m_j}$ :  $\det(\nabla f(t^*)) = 0$

$$|\nabla f(b_{mk}) - \nabla f(t^*)|$$

$$|\det \nabla f(t_{mk})| \leq C_N (\max(1, C_\varepsilon))^{N-1} w_\varepsilon(\text{richness}(B_{m_j}))$$

1/6A

$$|f_j^i(b_{mk}) - f_j^i(t^*)|$$

sum over  ~~$i \in \{1, \dots, N\}$~~ !  
 $\downarrow$  1/6A  
 ~~$i \in \{1, \dots, N\}$~~   
 ~~$j=0$~~

$$\leq \sup_{t \in B_{m_j}} \sup_{s \in B_{m_j}} |f_j^i(s) - f_j^i(t)|$$

each term has  
N terms

$$\leq w_{f_j^i}(\text{richness}(B_{m_j}))$$

$$\leq w_\varepsilon(\text{richness}(B_{m_j}))$$

in each N term product as on  $E_\varepsilon$

Just bound ~~first~~  $N-1$  terms by  $C_\varepsilon$   
and the rest by the above then done!

PTO