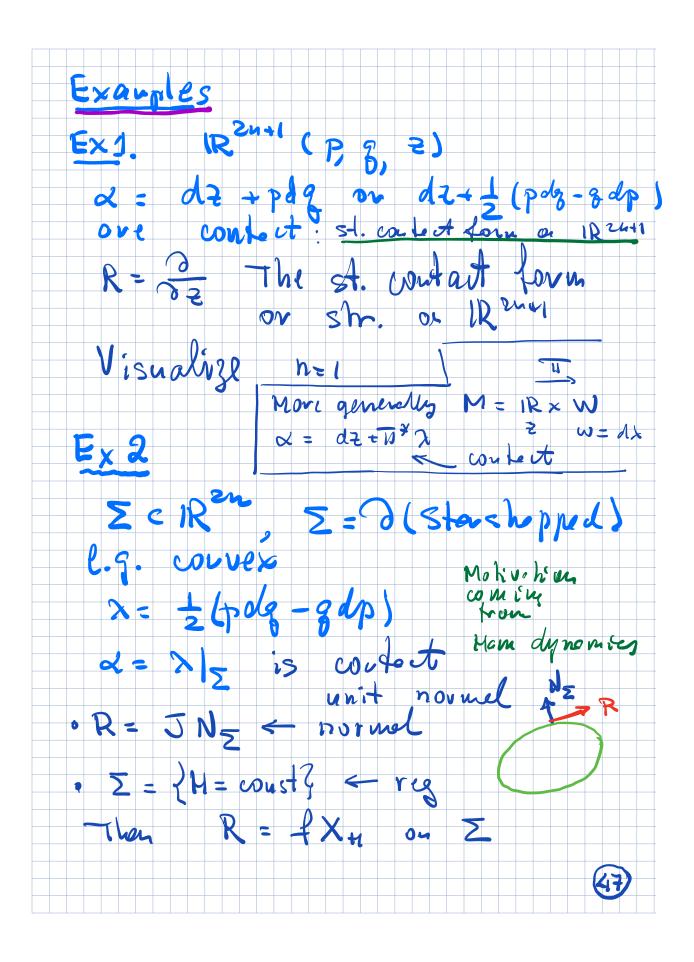


Contact manifolds n = odd-din sister Confect s ) + (1 S M old dimensional Strictly speakty: a courseit str strictly speakty: a coding-1 distrig whent > { is contract l con be made globally La contect 2 contect n Some contect 22=0 pn+1 21 (do

Madmits a coulect sho g Enot necessity coorientables and not ever => Mis orientable - Lot & could form = 31. v.f. R Rech v.4 a(R) = 1 In fect & contect

(ker(dx) i - dim

ker dx to ker x E= hera ~> Resb flow Reeb



Lecture 11 10/28-2021 En a (M²n w) symplether

These context type if

w| z has a context principle x:

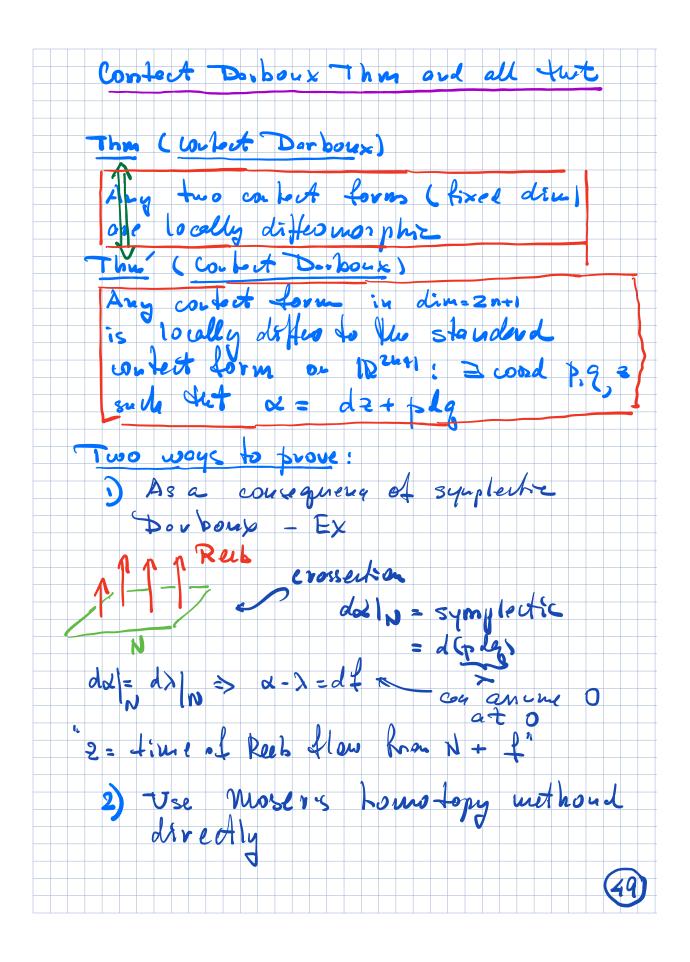
dx = cu| z , or (da) n-1 = 0 Thom: => R = f X, on E Rmb. Not every closed by pezers for in 122 has confact type Ex-Weinstein: two spheres Ex3 ZeT\*Q fiberwise storshopped x = pdg Liouville form Mohorbiae!

α = λ | ξ is contect geometric

phics

Fiberuise convex: Finster metric

Rath 4 law = Finster pendent flow Ex4-Foct every e bord orientable
3-monipold admib a content or mecession Existène of est tech che, Discuss su more liteil? Contect topology a tive area



for contect forms No global verson Must a femily of confect forms convox expert as to be differ to each other des mo Res montes charges with s Zc R24 a Somity of ellipsoids  $\{H=1\} \approx q_{11} = q_{12} = \{1\}$   $(\sum_{i=1}^{2n-1} x_i \sum_{i=1}^{2n-1} x$ we have seen that things depend on light values The (Gray 15 Thu) cortect What is actually proved

Menty & = kerxt (1 d) = do Mosezis homotopy mothod Discus symplechization

