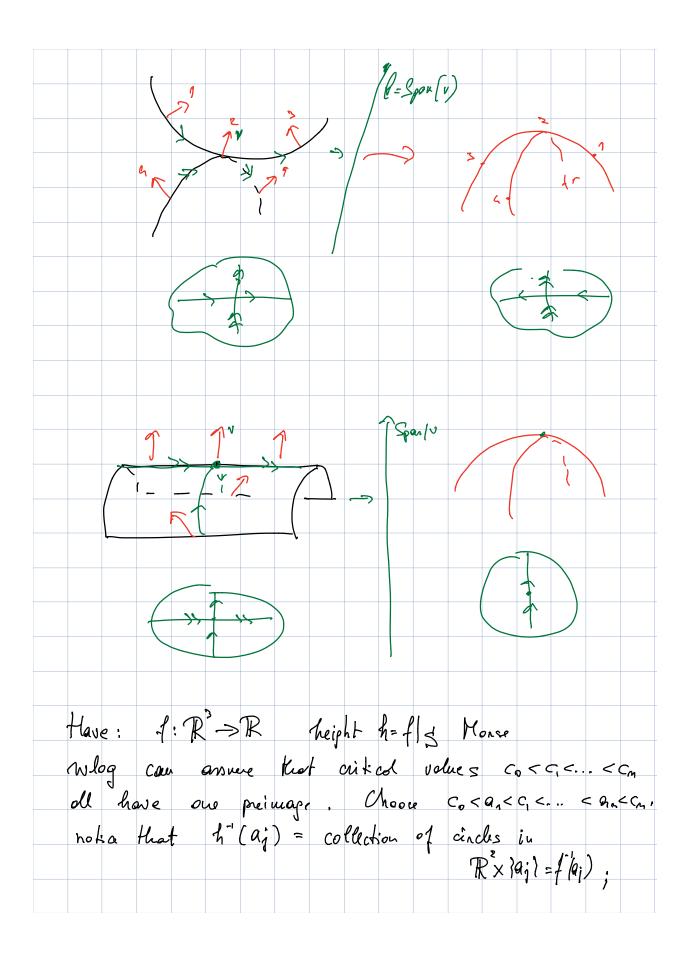


Claim: enough to show that SEDIFF 3° CR³ bounds B with B = D³. Enough because switching x e B with a get other D3. Claim : there exists a Reight function $f: \mathbb{R}^3 \to \mathbb{R}$ s.t. flg Monse (height : _ 1 projection on parametrized line; on simply f no outical pt & f (t) = R²) Idea 1: take any I projection and shiplitly puturb it so that replacion to S decours Monry; Idea ?: take Gauss map N: 5 > 5² aud choose rES S.F. V&-V are regular values of N; take l = 1 projection en Span(d). AVI 2° V \sim <u>ل</u>لا



h" ([aj-E, aj+E]) = collection of gliches a ctudly Justicad : h'([cj-E, cj+E]) = collection of cylinders will 1 local exception: Signs (lipenvalues of HR) + +- -• • ~, ~+-- - - - -3 Perform surgery on S along each ande of h⁻¹(aj): individually TR× 1913 MITTIN 20 MICLIN

If the cinder in h (aj) are vested I anauge the heipts of surgeries so that the inner ones take place father from R x 20;1: Qî Kepult: smooth closed surface s. I. each compowerT cousints of at wort the fellowing - our vertical the on a Monse piece contains only one cutul point - Some cops added doing surgery-Claim : each composent of the suggest sphere bounds B with BEDIFF D' iquoriup other computer S_ Reason? arc 1) tube + cops 277

