AG seminar. (A. Nobile)

Def BERM domain. 2M+3+EB e.C.M.is a D.F. if J. M. smooth mfld, J. w.; M->B smooth surjective satisfying:

- 1)  $\forall f \in \mathcal{M}$ ,  $\forall f \in \mathcal{B}$ ,  $\mathcal{M}$ 11)  $\forall f \in \mathcal{B}$ ,  $\mathcal{M}$ 12)  $\forall f \in \mathcal{B}$ ,  $\mathcal{M}$
- of M s.t. & zi: U) > Co fous

  s.t. HEEB & prozice) U, nwi(t)} 13 a system of local hol. evordinates.

Def If M c.c.m & f(M, B, w) s.t. ItoeB & w'(to)= M, we call Me HEB a deformation of M.

Def. I(+) & H'(M+, Q+) is called an infinitesimal deformation.

Def. 2 DF.s (M, B, w), (N, B, ti) are said to be equivalent if 3 ip: M-> N differ and if ! M to N are biholomorphisms.

Def (M, B, w) towal if ~ (Mx B, B, w) for some teB and M= co (B) Locally trivial if t