## Emphicit Partial DiFferentiation

the x to mist as some should be bound of a find 11, x36.2

o-(5,1,2) ye plicity bands banker is s

under cathain hypotheses, the existence and differentiability of Fale guaranteed.

## Theorem

(d, 5) 7 soul (d, 10, 10) . (d, 5) son substablib procedition (s, 1, 1, 1)

Dzf(Z,b) to

=0 3 conhinustif diff. In z=g(x,...,xn) such that g(2).b and F(x,g(x)):0 ber

X ned 3

Moneover, G(X) is uniquely defined by X new 2.

the lind in it is to enthand better and colored and colored or (2, ~x, ..., x) and colored out about the particular of the fix, ..., x, z) -0 and colored the particular dentahines of z by implicit dills.