

Nov 18

Note Title

11/18/2009

1) Taylor Series  
Multi-index notation

$$\sum_{|\alpha| \leq k} \frac{d^\alpha f(\vec{a})}{\alpha!} (\vec{x} - \vec{a})^\alpha$$

2) Critical pts  
& 2nd deriv test.

3) Implicit fcn Thm.

4) Smooth curves  
& sfcs.

5) Inverse fcn Thm.