Remark 1: 17/17-32/95/28 P298, ex3: [a,b] \$\$5, [3] 7. 4 21 Thm 2.3, 2.4, 2.555666 6 5 2. Ex:  $P_{2}97$ , ext (1)  $\frac{1}{2}f(x) = x - \frac{x^{2}}{2} + \frac{x^{3}}{3} - \dots + (1)^{n} \frac{x^{n}}{n} + \dots + (1)^{n} \frac{x^{n}}{n}$ (1) = (-X+X2+.... H) X 17+... = 1+x = 1+ $\Rightarrow f(x) = h(1+x), |x| < |x|$ 

ADini Thm

Remark 2: Thm 2.3 mie to 20 th 2 18? 5(x)=0, |x|=) Remark 3. Stat 2. Tog my 1 to ante. A the Weiers trass is to Bo (22:19305) Van der Waerden in 63