五. (10分) 证明切比异戊多项式游是次系:

 $I_n(x)I_n(u) = \frac{1}{2} \{ T_{m+n}(u) + T_{m-n}(u) \}.$

709. The constitution of the constitution of X

The Dos Contino - Cos mo Os hot Simus Sino

A coshocosho = = (cos cm+n)o +cos(m-n)o

FAP, G=0, b=1, for = (x2) (x2) = 5x4xxx2 x

months (18) = (20, 18) 12 (20, 18)

| Fn (3) | < 2850 mt , 120 < 10-8

JA 120 X10

D M 2 + 124 K103

h= 2m= 2.[制xió

七. (10分) 设图数f(s) 在[a, b] 上其作四阶连续导数,改构造三次多项式用s(s), 使其简适记值

 $H_3(a) = f(a), H_3'(a) = f'(a), H_3''(a) = f''(a), H_2''(b) = f''(b),$

并求认会到f(a)一日3(a) 的较达式.

的, 水叶水二 Nzies+Aix-a)3, 在bNzix=faxifaxxx-a>+2511axxx

2H3'm = f"(a)+6Ama)

KAPPY HIND- fantflag (x-a) + 2 flag (x-a) + 2 flag (x-a)

IN VIVO- FRONTHIND, ON-SAME

is won = (xes) nec), 18 wild = 0, 12/4/3

C=sb-a

The man Law Wind of Strangely

92 gen, glas, glas- , gen = , glas- ,

LAND JOS. YORN- FIFTH (S) (X-26-ta)