Given Vn= (+ dn). Vn-1+d Xn and lim dn=0, { dn} decreasing and 1/2nt, bounded. prove Jung converges. U Vo 有果 1 Xn 1 5 C1. Note C2. O假设 Vng有界 | Vn = (+ dn) Vn-1 + xn. dn | €(1-dn) Cz + dn C, < (Ldn) max(C1,C2) + dn max (C1,C2). = max · (C1, C2)