Dynmac Post 1 1 has The a contraction ine. d(T(x),T(x)) < pd(xxx) Consider TXITX for nym d(Tx,Tx) = pmd(x,Tx) =0.2d(x,Tx) We have that d(x,T,x) is bounded (for high values of n). We have (less hiso) d (x,Tx) = 5 d (Tx,Tx) $= \sum_{i=0}^{n-1} \rho^{i} d(x,T(x))$ $\leq \frac{1}{1-\rho} d(x,T(x))$ So the requerce d(x,+") is bounded. (2) We have the map and Y= 34 Kx T(V(x)) = max u(x(y) + BV(y) het u(xix) = u(zxxx-y). We doe shot u(x) = logx we show that for V(l, z)=AtlnK+ cln = the Structure is preserved under the transformation TV(G,Z) = max log(Zzli-li)+ BE[V(li,z')|Z] Plugging in V(h, =)=4+logh+cln = yields wax log (Exthe-h)+BE[ANlog h+cln = 13] = BA+Cu (1-p)B+Cplog 2,B+ max log (3,h-h)+
Whe incorrect
specification in Prolesses 22+

Some gotthat + aloge + blog 2+ plog = + log 1- 1980)

TU(2, 2) = BA + CM (1-P) B + Blog - 2+ log 1- 1450) Want of the form A + Ben & + cens wikeso Long man Cos (3, 2 x 2 x 3) + 3B Cos (R) = 028 (1-13B) + 023 (3, 2x) + BB 628 7+12B + Cor 2 + 4 Cor 2 t a 608 &