TECHNIQUE OF THE FIXED POINT STRUCTURES

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The notion" fixed point structure"(see [4] and [5])is a generali-
zation of some notions as "topological space with fixed point proper-
ty"(Brouwer,Schauder,Tychonov,...),"ordered set with fixed point pro-
perty"(Knaster,Tarski,Boubaki-Birkhoff,...),"mapping with fixed point
property on family of sets"(Jones, Mc Black,...),"object with fixed
point property"(Lawvere,Lambek,Rus,...).In the paper [4]- [9] we use
the technique of the fixed point structures to give some new fixed
point theorems.Thus we obtain the following general results (we fo-
llow terminologies and notations in [5]).