product in Categories:	Date:
of suppose that A&B are objects in	a Cata and
c. A product of A & B (in () is	a caregory
1 An object Pin C	
2. A pair of maps, PP, A & PB B satisfying	
to every object T & every pair of mo	105
for every object T & every pair of mo	one map
T=> p, Sit q= p, oq & gop q= P209	
	,
Illustration: (Using motion in space)	;
let P be the object called space, A be	plane and
B be pole/height	
Р А	
ρ, shadow, P2: level	
P <sub>2</sub> B	
let time interval be replaced by an object T	
q, A q,: time intrival for A	
q2 B 92: time interval in B	hi motions
motion in P is uniquely determined	by week
in A and B	
$T \xrightarrow{Q} P$ : $T  P  sho$	ould commut
$T \longrightarrow P$ : $P_2 \cap B$	
$q_2$	
91= P.09 ( motton in plane: what we	as point's show
the position of point's shoot	ow at a
(crown motion of time)	
g 200	
and the not only an object,	but an object
with two maps. (to maintain uniquenus)	

