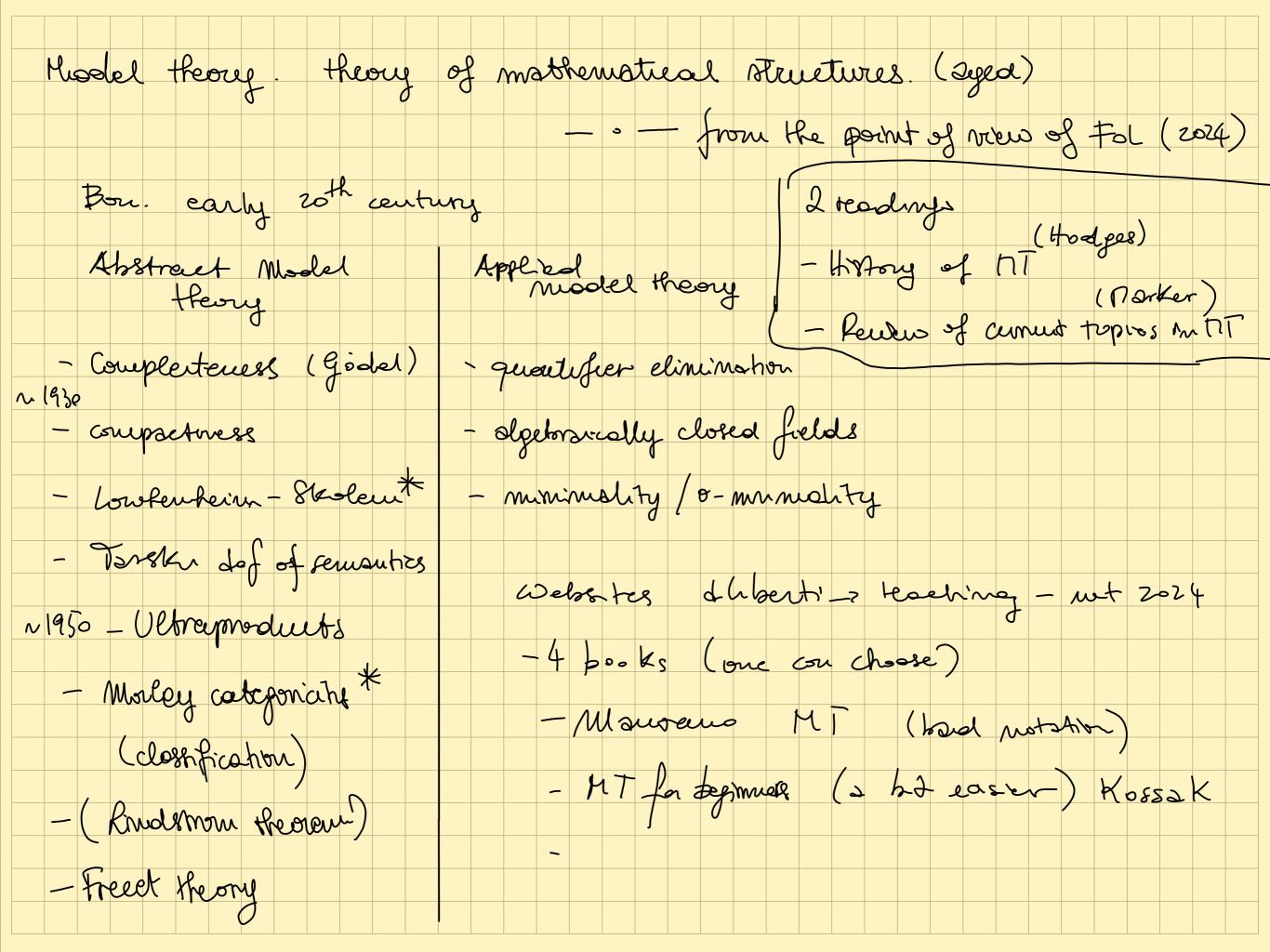
1 - Part 1 - 6 weeks - 12 leerwees + exser 4 oredits + - Part 2/ - rest of the time work on a project (Mound 3-4 pages text, not strict)
3.5

We get some key-words and have to find some literature run / historical + thechinean overnous (they are graded separentely) The topics are possible continuations of this introductory course



4 examples		First order longuages and For structures
structure set equippe		
(1) Magnas. (17, -9)		a list of relations, furchous and gembols
2) Setoial (17, RE)	trustive	La list of variables
3) Non-empty sets	shelou group	Structures let 11 be a Fo longuage
1 4) vector sisces (V,	linear action of a field	Au 11- structure is
Universal Algebra		- for every sort Ki, & set [Xi].  Ry, & relation(,R) = Xi
		2 / Dearword of 2

Fol ne Rou =, v, 1, 7, varisbles, =, +, 3 2 tourie formules ni = 20 R(21, ,×~) fourles stouric 74, qvy, pry, y=>y, 7xp, txy, with y, y formules Torskvan semontics a Find a longuage, a structure, and a theory for vector spaces NEXX. Recoll + LS.

(V,K,+,10,1)	+ V×V -> V	$\forall x \leftarrow \rightarrow \forall$
1) $\forall x_{i}g \in V$ $(x+g)$		Refurbed
2) \forall x, y, \forall e \tag{X+1} 3) \forall x \in \tag{X+1}		
4) txeV taek	(a x = x.a)	
5) they tobek 6) they (1x=	(x(ds) = (xd)c)	
7) trev grev 8) tack (a=0	(x+y=0) v 3bek (ab=1))	
9)	V JBER (30=11)	