21-1/	Turing Machines - Acceptors = (may diverge) = E1				
	- Deciders = (always halt) = 20				
$\label{localization} Regions on the local content of the local conte$					
	union (A + X , B + X -> , AuB + X)?				
. I STOCK BOUGH BOTH BOTH BOTH BOTH BOTH BOTH BOTH BOT	or go: On input w, run A(w) if accs, then Acc				
	nn B(L) ''				
	reside				
	Z1: interleave A(w) and B(w)				
	on non-det choose H(w) on B(w)				
Millione Rose printer and all previous coulty in the conscious requirements and recommendation of the conscious country.	intersect Eo: if (Aw) then B(w) ow reject				
	En i same strategy				
	complement (if x & A then x & Ac)				
	× is accepted × is rejected on diverges				
	Eo: return 7 ACW)				
	₹ : not possible				
	concat: (w=xy & A oB = x & A and y & B)				
	Eo: guess the division between x andy, run Alx) and ly				
(School and Busyness) (School Specific Co. Chamber to Specific Co. 4-3 (State of Association And Specific Co. Chamber to Speci	how many? w +1 until both accept				
	resect				
	2				
	(Micerish) (Simulate from here				
	From here				
The state of the s	En: totally fine				
	Kleene Star! w + Ax it w = wo wn where with				
	Eo: n e[1, w], guess the mumber of JMBDUS				
	then do the concat				
	E, : works (start).				
	municipal on the right string				
	Muright Simulate A				

Z1-2/ In 1900, David Hilbert chain International Congress of	Mathematicans	,
We must devise an algotithm that	tests whether a polynomial	
has integral roots"	term /	
assignment of variables, or every t	term mentions GXZ + 7yx = 92	
Sd. poly lo = 0 Some ve	errs and milting coefficients	
indistion tem	wriables	
he assumed it was possible		
5		
Σ_1 solution = for $x_1 = 0, 1,$		
$\{p \mid p \in a \text{ polyoner} \text{for } x = -n$		agirine-ryngalgi
	, +n	
	x,y)=0,	
root 3 acept		
0 W		
	e , ,	
Eo solution - has to figure out	a maximum n to stop at	
If p only mentions one vario	- bla V 21.1 -	
The proof of the various of the various	(wa) ,)	
$p(x) = \underbrace{\mathcal{E}}_{i=0} C; X^{i}$ Then max $n = m \times \frac{Cma}{Co}$	(or gen M)	
THE THE COLD IN TH	cmax = max(co, , , cm)	
.,	cmax = max (co , m)	
If a poly mentions more Han !	1,	
Matijasevič's Herman prove	es no bound exists	

"algorithm"	9_	Tur	ing	Machine
"algorithm" C programming langue Racket Twa	ge 2	Inte		86
and the second s	- Turing	Thes; s) da - C	X100105
1) real languages Lowe car pro 2) programming land to real hand Lowe can pro 5) Turing machines Lowe know Lowe kno	ove this grases ca have mave this and rea this fals erecting	(racket, M. n be faith (complent,) hardware an	Li Hast i Fully Cake N e He He tap	compiled 12, VLisp) same
(3)+(9) "algorithm -> Church- Cannot be rust be take	" man Turing proved	Thesis L		1-calcolos

