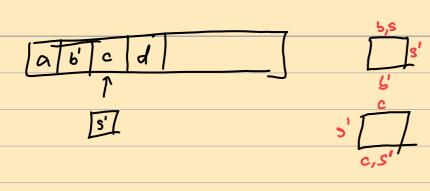
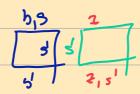
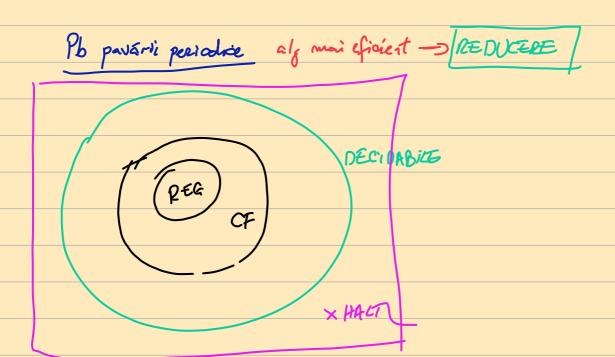
	1	
	TOURS #6	SEITINAR DATA VIITOARE
		√
UNIE 8	SASTA PROBLEME	CALC + PTTHON PYSET
SUNTEM	HEDECIDABILE	E -> HU PAT f. rez
	<u>.</u>	LOMT
V		
PROBLEMA OPRIRIÌ		
HAC	T= } 7 = < N	, 20 MW (X) se apreste
PAVAJE WANG		
C		
St dan bl	$\int d$, ST_{1} ,	TK}
	· /	a DA
De deas Pot f	ave tot planel	a T1, Tx ?
	,	an TI, Tr ? 5 DA
(T) PROBLEMA	Pavalil Plan	JULUI MEDECIDABILA
PB EXISTÀ PAVAJE APERIODICE		
	_	
IDEEA DEM : SIMULAM O MIT ON Phis wang.		
Tabcd		
·	1	a
1s1		TIP 1
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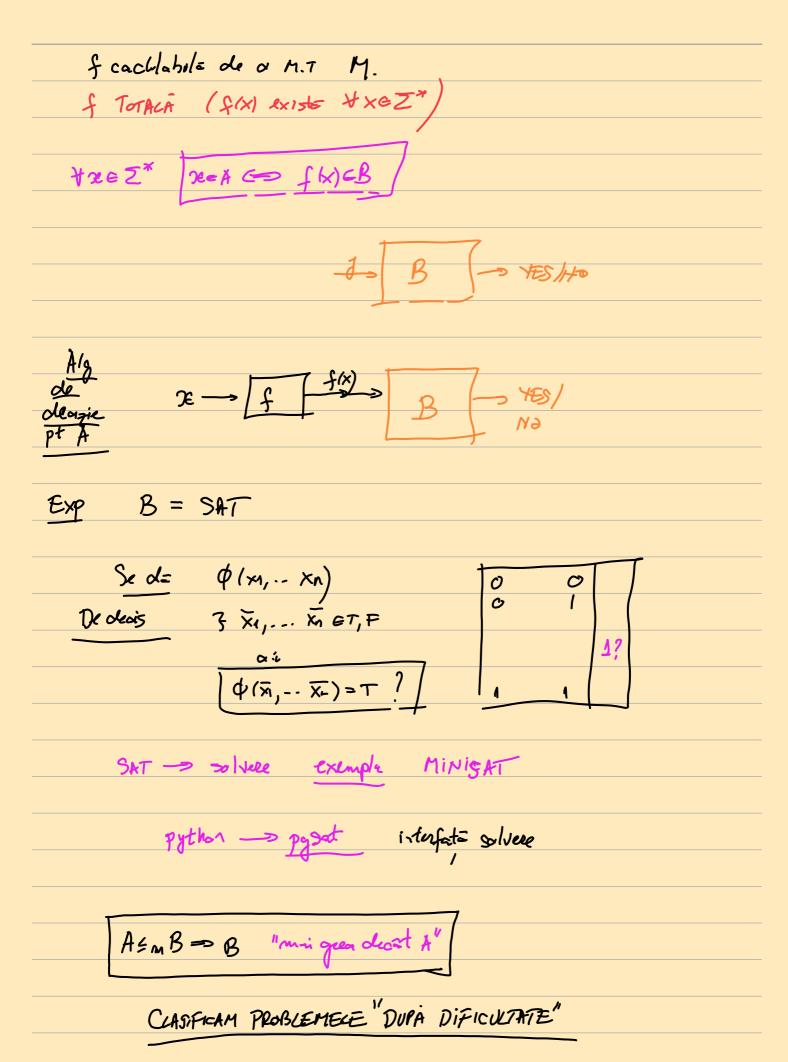




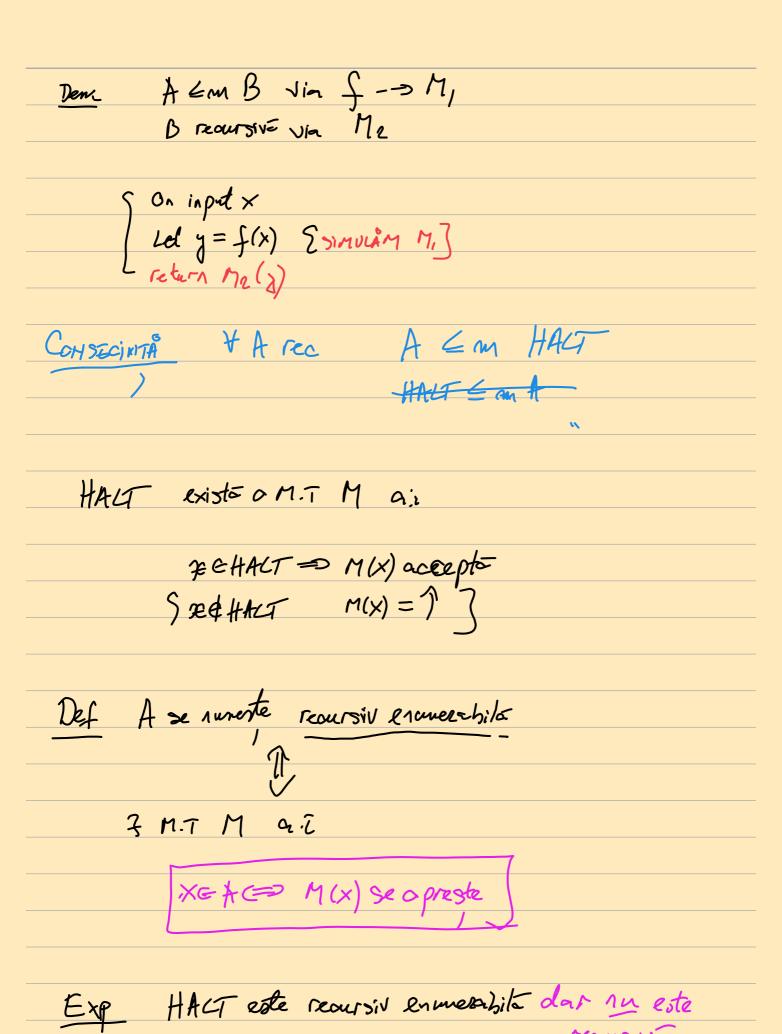


un pas MIT





Pp A, B ph de denje A,B > p, Z* (TI) Dans A recursive atunai YB + \$\phi_1 \geq t A < mB Dem A recursive = 7 M.T Mane decide A 2 M /-> 0/1 yeB VEAU fai ZEA = f(x) EB $f(x) = \begin{cases} y & dads & M(x) = 1 \end{cases} (>> xex)$ $\frac{1}{2} & dads & M(x) = 0$ Cum carlandez f on a M.T? Simulez M(X) Teturnez fie y fie z Det A = m B = A = m B si B = m A YABreoursive (+d, Z*) A = mB (TZ) A & m B si B recursive atunci A recursive (A, B \dip \phi, Z*)



Dem HALT = 3 < 1,x> M; (x) se opreste

$$= \sum \langle c_i, x \rangle / (\langle c_i, x \rangle) \times copreste$$

Bester.e.
$$M_1$$
 xeb $\Rightarrow M_1(x)$ \downarrow $\times \oplus B \Rightarrow M_1(x)$ \uparrow

Masina Turing

Pt B

Simpley in parallel in, (x)

Si
$$M_{\ell}(x)$$

Si $M_{\ell}(x)$
 $M_{\ell}(x)$

Similer M(x)

des-M(x)=0 loop T. R rie

