	THE INPO MICHAEUS-ME	PRICTIONS OF		
	101101111111111111111111111111111111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SECA NOME	
	- REFERENCE: URI	tion - INTRO TO	SYSTEMS BIDLOGY	
		(D) repressor (x	×	
	DNA promoter 1	(D) repressor (x	D+X	
	(active)		(inactive)	
	CONSERVATION :	= SITE BUND	+ SITE UNBOUND	= TOTAL
	Drota	L= D + XD		
	FOR ISITE II.	BACTORIA, 1	D7 = 11 CBN VOLUM	E ~ /m 3 ~ laM
,	FOR SUKARYOTIC	CEUS, VOUM	NE ~ 10-100 MM3	
		DT ~ 10	-100 pM	
	RATE OF CHANGE	OF XD:	DIFFUSION	
	dx = kon X.D -	Katt [XD]	4 Kon 10	
9	KP (E) DIRROCULLION =	KOLT &S EXIT	~ 22 Kote ~	widely vanes Vsel
(.5)	WE WANT TO SUM	INMIE EXDT		
	ED = CXJEDJ	- D7 =(J.	[COX] +[C	
	EXOJ= EXJE	D => D ==	EDJI CXJEDI	1
No.1		DT=	D (1+x/kb)	
FRA	WE KNOW THE KTION D= DNA = D	(1+ ×/kg)	27 Dromotise ACTIVITY	Q DT
ONE	300,00			

