(NP) (search groblems)		
Vertex Cover	VAMEX COVER DUSON K	an instance
		124 yes-instance
Set Cover	collection vo subsets 7470 k	ุ ม กรุบฐาน ผู้
		(D) DIAN 184
Independent Set	indep. set quin k	poly (ros vura
		input
Clique	clique 9470 k	(3) 2012 01 19 19 19 19 19 19 19 19 19 19 19 19 19
1	'	Pain 124 yes
ma chiOu ho-instance instance		
→ สร้างบลักฐนนปลดไม่ ZV		
Definition 9-18 in Juan A sind a true NP (uso Dudane lungs NP)		
sin a algorithm V (verifier) หู่ วัฒนรมบิกิฉิน์		
Creatiles & Sugnificant Creatiles & Sugnificant Constitution		
(1) πων ηρη yes-instance x que A		
9:2 cortificate y n  y  = poly ( x ) 662:		
V(x,y) = 1 (V) is $y$ instance		
an certificate y)		
(2) ano instance y 46 A		
V(x,y) = 0 (V Tailorupoti)		
V(x,y) = 0 (V 721 hupon)		
$G > V = A \qquad (A = V) \qquad (A = V)$		
(3) V morulu polynomial time UL (XI, 141.		
(ex) Satisfiability		
A boolean expression & n= or light Conjunctive Mormal Form (CNF)		
an o disnoutland ms AND in los clause 200 y Milly		
ms OR nu vus offiles voisiles		
classes		
ex: Vonales $x$ , $x_2$ , $x_3$ , $x_4$ $(X_1 \lor X_2) \land (X_2 \lor 7X_3) \land (X_3 \lor X_4 \lor 7X_4)$		

