				U	n	3	)	S	oil		Olut	ļ					
			_	U	, w		- (	)~(JO	sig		ence						
Q1. From	an	our	bitra	ry p	loly.	nom	ial	PE	Pi	UR)	. u	shic	h j	D = G	cnx <sup>n</sup>	t an-	1 X <sup>X-1</sup> -
··· + azx	$s^2 + a_i$	XP	ao,	an, a	3 <sub>n-1</sub> ,	)	Gz,	a,,	ao c	GIR.	$\omega$	e	obt	ain.			
	J (	(P):	n-tj	- x x - 1	+ -	r	χ "	ナぃ	· †	2	<i>አ</i> ¯ -	t Ao	γ	, W	hich	J.S	. Str
general	Join	ula	for	$J^{a}$	(P).												
Q2. De	fine	P	s o	ve	ctor	SĴ	ale	UN	//	2 ,	wh	ere	PCIR	)= 9	ao t	a <sub>1</sub> x	+ Q=X
+ + a																	
lf a	the i	trons	for m	ation	J:	PiU	₹) —:	> W	. <i>(</i>	whee	e	W	c Ps	CIRI	, <i>S</i> a	tisf	ies:
i <sub>j</sub> J	( u +	·v~)	= JU	(u) 1	JC	ぴ)	for	al	l v	$\vec{v}$ , $\vec{v}$	6	Pil	IR)_				
2) J	(kū	) =	kJ	( <del>u</del> )	fo	ra	$\mathcal{U}$	นิ c	; Pi	CIR)	an	d A	k.6	IR .			
then	J	sa	line	ear o	comb	rinai	tur.										
p.f. 1>. t	1 ū. ī	7 6 P	(UR)	. giv	es.	ū z	Cco.	ta, 7	s+ a.	ר 'ג	· †	GnX	,n , (	ao.a,	, az	, ,	aneli
						<b>v</b> > =	bot	b) ?	8 + b	2X2+	<i>†</i>	bnx	n, b	o. b.	b2,	, Z	on & IR
J	w+i	で) =	Je	to + a,	7+a2	ゝ゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚゚	17a,	·γ <sup>n</sup> -	t bo	+b,	s+ b	- د لاح	<i>, 7</i>	bnx	n).		
				otbo)-													
				Dn · 2													
		=	7-61	χ <sup>n+ </sup> +	- n-by	· x n→	1 + 2	γ· λ	1 <sup>1</sup> 7 -	n -	X^+	, , , +	31 X	2 + 101 2	٠,٧,٠	1 00 7	s + bo x
		Ξ	n+j	X <sup>n+1</sup> →	h Gn-	<b>*</b> * * ·	+	+ (1)	s <sup>2</sup> + Q	<b>₽</b>	n+j	<i>≯</i> +)	$\frac{Dn}{n}$	<sup>L</sup> X <sup>n</sup> ⊣	· vv- <del>}</del>	8) X	2+ 60X
		2	Ju	·) +	JLi	<b>→</b> ) .		sati	sfies	th	e f	irst	CO	wliti	. אדע		
كا (د	पि ६	PILIR	) , b	keh	R,	give	s Ū	=00	+41	x+a	λ <sup>2</sup> + ·	··+ a	nx <sup>n</sup> ,	as, a	a, a	<del>2, ''' ,</del>	ane H
J	Ckū	) = _	JCK	[ao+1	3, 8+	لاد۵	· · · ·	+0	( <sup>r</sup> K n	)							
		=	Cka	io + k	Ca, x	+ ka	- <sup>L</sup> K s	t 111 -	t Ka	In x'	۱).						
				- x <sup>n+</sup>													
		=,	k ( -	n-tj.	x n+1	<b>→</b>	an-L h	٠ χ ۲	7 111	+ 2	<u>لا</u> ، <del>درا</del>	2 + G	lox).				
		=	k J	(ū).		Sc	rtisz	Hes	the	se	con	l c	und	Hivn.			
Donce	0,	10.	אומינט	ed 1	Hat	7	to	0	1	negi	. 1	Tran	stor	noti	() () 21.	by	

soit	isf	ying	tle	E	wo	COT	nclir	hivns	•				A	•	
	^														
	$-\int$	ng													



