		EY		EAS					IECH					
								Ç	= 0	for	cc			
0	E	qui	li bri	um		۷.	T +	b :	= 0	F	orce	e	9 m	
	5	tati	libri c				~	_						
							ی	= 0	T	M	ome	nt	egm	
	5	y =	Tyz	,	Txz	= (ح کر,	J,	12=	Z	y		Ť	
		•		No	body	m	ome	nts	/2=		/			
					D	R. DNYANES	SH PAWASKA	(R						1

												L
3a	XX	ું	σχγ	· +	D Tx	2+	bx	= 0				
9	X		ργ		9Z							
9'	Тух	٦ (Tyy	' +	35	Z +	Ь.	y =	٥			
8	×		SA		32							
9	52x	.	9E	У	31	2Z Z	+ b	, =	0			
	X		YE	7	3	2		_				
				D	R. DNYANES	H PAWASKA	R				2	T

(2)	\$	tra	in	Dis	plac	eme	nt	Re	latio	n	SD	R	
									ariz		Str	ain	
	E	=	sy	mm	∇(<u>» й</u>							
	Ĭ	=	1	(Z	789 y	<u>†</u>	(∑⊗) M)					
								18)U_	Su	[U \	
<u>u</u>	=/	u (, , , , , , , , ,	Z)		∑ ⊗	<u>u</u> =			_		Z	
		٧(*, Y,	z)				3	V X W X	SA		V Z	
	\	w(1,4,1	Z) /				13	W	SW SW	3	W/Z	

ϵ	KX =	3x		Ey	y = '	76	E	ZZ =	31	N		
		3X	1			SA			3:	Z.		
ε _γ	(₁ =	ı	(31	L _	31)_	1	7 _{xv}				
		2	6	Y	2X	/	2	77				
E	VZ=	1	(3	V _	SA SA)=	1	Yvz				
		2	3	2	Sh		2	,,_				
e,	ZX =	Ţ	(3	W 4	ne.	.)=	. 1	727	ζ.			
		2	6	x	9z	1	2	/				

(3)	SI	ress	-SI	rain	Ro	lati	onst	oic	/ Co	nsti	tutiv	ve l	1W/	
	G	ener	aliz	ed	H00	Kes	Lai	W						
		てこ	C	6 ~		E :	= S	ڄ						
			1				1							
			Shit ter	fnes nsor	S		COI	nplic	ince r					
		Q	1 _	~ 2	CC	netz					r 100	nter	iols	
		7	1 –	7 4	- cc	US10	11172	101,	150	ropi		Mich	W/2	

	no	e:	iso	trop	y	V5	hon	oge	neit	y				-
	ς E,	٧	or	E,	G	or	G	ע						
You	ng's	mo	dulu	S	Csh	ear			Poiss	ons	mti	D		
You	J				mo	dulu	\$							
					D	R. DNYANES	h Pawaska	R					6	

e.,	. =	Гx	× _	ນ (T	+ (-2)	6	* V =	= 14	-v п	. v =	_ሚ ሃ		
		E					zz)								
εy	y =	5	<u> </u>	<u>y</u>	(Tx.	x + T	22)	, e _y	z=	凹	Tyz:	=	Tyz		
		1													L
Ez	2=	0 :	22 . E	- ヵ	(T,	cxt	Tyy)), 6	ZX ²	1+12 E	L X	<u>-</u>]	T _Z X		H
															H
															H
					D	R. DNYANES	H PAWASKA	R						7	t

4	Bo	unda	ary	Con	diti	ons) ہے	ivel)			T
										1.	,,,,,				Ť
	Di	ispla	cem	ent	BC	S	DBC	S	u =	u.	on	Som	e		+
											bı	undo	ıry		t
	Ti	racti													t
			ţ	=	2 <u>0</u>	= {	* 0	n s	me	oth	r t	ound	ary		T
							Lgiv								I
															T
						D DNIVANE	SH PAWASKA	A R						8	$^{+}$

P	tnio	wise	a	ilaa	catio	n.	Sh	ona	Fori	n.				
	-1101	t	= (T. N :	= t	*	(a) e	urgy,	ρο	int	on l	oovod	ary	
			•	7 –	_			7						
	<u> En te</u>	gral	aρ	plica	tion	. /\	lea k	ि	ım					
			ľ							su H	ant	of		
		J	1	Ja)	t*d	a	f	orce				
		375			•	عد		Fac	ier t) W	rk u	aith		
								Lus			17- 0	01113.		

	(5)	117	hcor	y (1	of	Fai	lure								
		_		J		• •									
			Mala	-: -1	is		Jaco	J L	L.		2:10	1	boo		
			Mak												
		,	this							tnioq	in	the	solid		
				f(;	<u>r</u> , a	c)	= 0	sh		1	Yie	19	Duc	tile	
					1	- cr	itica	sh	SS		sh	CSS			
			f(v	, אא	xy,	٠٠,	Tzz,	(2)	= (0 3	Frac	ture	Bri	Hle	
					• •						ske	SS			
\dashv							DANYAALE/	SH PAWASKA	_						10