

Deel to Charge $\begin{bmatrix} \frac{1}{3} \\ \frac{$ Use Q , the Q with Q wito B. 1sta $K = \underbrace{555}_{GI} \underbrace{5TE}_{GI} \underbrace{5}_{GI} \underbrace{5}_{$ [-6-7] 0 (1-2) 0 (1+3) 0 -11+3/ 0 [-(-3) 0 (1+3) 0 (1+3) 0 (1-3) 0 0-4-30000000 -(-3) See cole 0 0002

```
E=7.3084e10/(1-.09)*[1 .3 0;.3 1 0;0 0 (1-.3)/2];
alpha=[1 0 0 0;0 0 0 1;0 1 1 0];
J=[.5 \ 0; 0 \ 1];
% Alternatively
J=1/4*[-(1-eta) 1-eta 1+eta -1-eta ; -(1-xi) -1-xi 1+xi 1-xi]*...
      [0 0;1 0;1 2;0 2]
beta=[inv(J) zeros(2);zeros(2) inv(J)];
K=zeros(8);
M=zeros(8);
for xi = (-1:2:1)/sqrt(3)
            for eta=(-1:2:1)/sqrt(3)
                         [xi eta]
                                                          gamma=1/4*[-(1-eta) 0]
                                                                                    -(1-eta) 0 1-eta 0 1+eta 0
-(1-xi) 0 -1-xi 0 1+xi 0
                                                                                                                                                                                                    -1-eta ;
1-xi ];
                                                           0
                                                         0
                                                                                      -(1-xi) 0
                                                                                                                                -1-xi 0
                         B=alpha*beta*gamma;
                         K=K+B'*E*B*det(J);
                         N=1/4*[(1-xi)*(1-eta) (1-xi)*(1-eta) (1+xi)*(1-eta) (1+xi)*(1-eta) (1+xi)*(1-eta) (1+xi)*(1+eta) (1+xi)*(1+et
(1+eta) (1-xi)*(1+eta) (1-xi)*(1+eta)
                         M=M+N'*2770*N*det(J)
            end
end
%Problem 3
xi=-1;eta=0;
gamma=1/4*[-(1-eta) 0 1-eta 0 1+eta 0 -1-eta 0;
                                  -(1-xi) 0 -1-xi 0 1+xi 0 1-xi 0;
                                  0 -(1-eta) 0 1-eta 0 1+eta 0 -1-eta;
                                  0 -(1-xi) 0 -1-xi 0 1+xi 0 1-xi ];
%Strain due to unit u2
epsu2=alpha*beta*gamma*[0 0 1 0 0 0 0]'
%Strain due to unit u2
epsv2=alpha*beta*gamma*[0 0 0 1 0 0 0]'
```

A control of the cont		Q	
en e			
	1. A colonial to the second	To the second of	shift bert
3)	We can suffy welly exercely. Shope is the same Matrices at the	gggyppon y gang Bogyhi i Netter 1920 Papanggynggingu Amus Mades Meh hi	~~~
and the state of t	Shepter 13 - 125 - 56 th Day on Shepter Shepte	gya yangan uga sa antanan sa dasa manan magan sa anahin mendendahkat kesta terbesa	Magazina and
regulariza ya sano camado sakili katiki sonolokuwa ili montu wa sistema analiza analiza katiki katiki katiki k	<u> </u>	y yayay gaya ya garan a manan a manan ana ƙarar ƙarar ƙafa ƙafa ƙafa a 1 ƙife ƙafa ƙafa ƙafa ƙafa ƙafa ƙafa ƙ	130,000,000
and the second s		pologogy regeles de tre en versión de sistem en person de la propieta propieta propieta en entre en colorecció	morne
	<u> </u>	ggggin von en viensken dergeven Lätten in 1820 gegenne i mend pred abeliet et 1820 e.	enviorities
		egyggyddirfygyr a goniu a cona noda awer af ei ib brighillioth da a sollord diblint	1,000,000,000
and the second section of the second		oppy ground manerick optimitisch i siehe er dels frie the Veldeller († 1875).	general fo
		kodu, pija ir žiekovi kuma na mas salviki. U ninito v stereninosti kod ninito da menora	******
		gangalaka apap ajang mengerekan ajang pendangan kanangan pendangan berahas bahas berahas berahas berahas berah	200-12000
man was promised about a street of the state		nggagagagaga permuse menerika nahabian alam untuk di dalam 180 a 186	Secretarion and
and the second s		udamieto eran cerritor en 1664 (il. 2004) (il. 2004) (il. 2004) (il. 2004) (il. 2004)	(selection)
and the same of th		galayaan waxeele jirriy ayusuuruu muudeleb siiseedeeliisa saddii	100.15.10.13
annonemier var en Schreimenster, brodeliger en 1944, 1944, de schreide en protestande en annonemier en de schr		general transfer and the contraction of the contrac	1903 PN
		от под приня в под приня в под приня в под	to anniverse
		e received a received and a received	unic printers
renderakeri kinadani eta tarta 11 entaken entarannya papa 1975 (singan)		yaqqar pey is Bassanin Killinnin normalanin 44E Bibb (in 4990-499 1995 1996 1996	***************************************
		ung pilangangan na ngananan ngan dan nahit na tida na Elife	arasoria
жылы жүрүн сойны 151 жылы 113 жылды аласынын жылдыны аласын аласында		де сах уботнух бу с основрения коммен это соста РЭН-1 доста доста бо	11650000
		engagang gaptiga zeres autro samona valida, das tradicioles e del historio del historio del historio del medic E	
yger o ag commençam as goods gramed trasposa organizações localisações describer de consecuencia de consecuencia			Quant NO.
aus, ama ji da pista ya ci waka yan ci da ci ya da ka ya sa sa wa wa ya maka ka a da ci ya baga		a Balakharan (1864) ya nyangan sa sa maran sa sa da	
oge film greet vigegen op op ste greet van moerale veren hat de ste te treet is tell a bestep distange <mark>d</mark> e		gga maana semindi 20m ke 1117 (111 m 11 f 1 1 20m 2 1 1 1 2 4 4 5 5 6 7 7 7 6 6 7 7 7 6 7 7 7 7 7 7 7 7	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
garana generaka sara mamunankan manaka Salaman ka manaka manaka salaman ka manaka manaka manaka manaka manaka m Barana ka manaka ma		overeitelingsgegen verkill i vor verkilt fra fry haven en de vera nomme verhilden debrief 1990 bl	wicolata
		State State State State State and an extension of the state	, seekalis k
Magazaret C		a the second and the second and s	
gergeng sektorebusy-vers schild 5,3 vb spregorisoners sit stim det ethild te ville 3,44		, дару регредорова може в в него 2 «1 с Wei-s до воска в 1-и верей в 1-и	No.
ent en , y some modern audenskriver i en deuer uitgeber 1904 fan de en		a communication and control and a state of the state of t	