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3		CMCE AND
3		To solve linear equations
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5		(b) (gramer's oncle
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9		© guass elimination (neive becoz diagnal elements +0) privated Backward Pivoting is done to avoid diag elements
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9	Leave to the second	@ cholesky nethod - A should be the definite symmetric matrin
9		€ guess jordan 14/ ≠0 1=AT
9	lower start	diag (4) = +vc 1
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9	(v)	I terative methods to solve linear equations
-9		(a) Jaroloi method
9		(B) Guass seedel
9		O Successive relanation
3		The bound of
3		Non-linear algebraic attack of the state of
		Non-linear algebraic equations (Solution) (to find roots
0		@ Bracketing nethod
3		(i) Bisection nethod (ii) false position nethod -> biscation +
2		6 Polynomial method.
2		(i) mulleds nethod (ii) Chebysher method
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2		
2		Convergence: - chebysher > N-R > Secont > false position > Bisertion
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(3) Fram Tables	R Company
1 determine (MTD and	
una U	
(i) Jane 8 = mag st	P
atronoval satesti.	poe
versore tube bundle for cleaning	work Nicolson without
(3) belief men and head based on province to	the filedrales Othern - FO time, to space.
	of lines - to space - and apply box IVP. V.
2) Select point end h	
	© PACE
Shell and tube	Married Brog
Tal Tal	(6) shooting netherd harborard.
- levies lied - powerful half	I toward sift
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I it is societied - OK - else socie parallel	9
tand the	
(a) find no of	evagoration v/s distillation
1 + cox	
I the heat war	read (rotes)
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Defined the individual head beauter c	
8	austina los sestence of fact and -of my components
(Calculate LMTD	
he head of nogles ante	(adam Backlerth (P-C nethod)
3) Calculate the heat duly - 8 = mapor () at -	Josh of accuracy ??
@ list down all the properties required to, 8,	(b) RK we tried - traplet (inconditionally season)
E	@ Early nethod - some - some
Head exchange design (double pipe)	(a) Defended quation (instal value problems)
everpointed derivan??	

//_ (8) Calculate A find no: of tubes - At (1) Select Pitch 1 School baffle (12) find hi, ho and colculate U check whether calculated and assumed I are close otherwise calculate pressure drop - if exects allowable calculate again - derate from V step. Evaporator design Weste down the properties and estimate U, Uz, Uz-2 F = V+L (man balance). Do man balance and find v, v2, v3, L1, L2, L3. find BPE from duhrings plot. Find DTeff. find steam consumption - from enthalpy balance find A, Az, Az If it converges - - else iterate - change (OTex)