Page No.: Date:	YOUVA
error analysis for Gorden	ned /-/1
gos pe conver	rea Lu
70 75000	-
R > / Aoo ao, Aoz]	.\
and du ant	<u> </u>
A20 Q21 A22	< L/
-(1)	eal9
-2	
- WII 2 Steel, Steel	-/
501 5 2	01./
	500
$du! = \alpha u - 0.0 = \alpha u$	
factorization is	
LU	
. dil = 0 & Juldil 1	111
Plence broved for n=1	1
at it	
= 1500 15 July 1500	
here's only one step: $du! = \alpha_{11} - 0.0 = \alpha_{11}$ $du! = \alpha_{11} - 0.0 = \alpha_{11}$ $factorization is$ $(\alpha_{11}) = (\alpha_{11})(1)$ $L U$ $dil = 0 \leq \lambda_{1} \cdot \alpha_{11} 1$ $flence froved for n=1$	N 057

	and the second s	Page No.:	VOUNA
AVECY	300	Date:	YOUVA
e)	Inductive 8tep:	100g	2
	To prove:	o d	
	Saio Spin Spin	1 1 1 (Soo World
	We open up the right side of compose element on left:	- jall oav	V
	Sais Sais	200 Loo	
	We're given'	mma 6.6.2	1100)
	From (1) (1) (1) = (1)	1	
	aoit a aoi = Los. Uoi		
	=> Daoil = rn. 1 Los 1 lus Theorem	6.6.2-11,	R-1F]
	=> Saoi 4 Trt, Los luoi	[[6.6	5.2.8]
	(5)		

From (2), lio. Uoo = aio.	
liot. Uoo = aiot	
210, 000 - alo	
TIC TI - ATI	
$\Rightarrow a_{10}^{T} + 1 \cdot 5 \cdot a_{10}^{T} = l_{10}^{T} \cdot l_{00}$	
=> 18aco 1 5 m. 1 Rio 1 1 Vool L R-1F	4
18aco 1 = In. 1 lo 11 loo 1 L R-1F	<u>J</u>
5 mm lo 11000 [6.6-28	_
<u> </u>	
	-
From 3,	
$V_{ii} = \alpha_{ii} - \alpha_{io}^{T}$, $\alpha_{oi} = \alpha_{ii}$	-
=> Sdi = Yn. aio T 1 aoi	-
0011 - In. 1010 11001	-
multiplication into de	
introduces additional erro	r
1+6	
=> Sdi) = Tn. (1+E) aio. aoi	
- VI	
=> 18 dul = Vnt1. V11 - 7	
=> [8 du] = Vnt1. V11 - (7)	
(omlining Q, Q, Q & P Into I matrix:	
(omlining (9), 6, 6 & D Into I matrix:	
(omlining (9), 6, 6 & D Into I matrix:	
(omlining Q, Q, Q & P Into I matrix: (DA00 Sa01) \le \tantill \	
(omlining (9), 6, 6 & D Into I matrix:	-
(omlining (a), (b), (b) (D) Into I matrix: (DA00 Sa01) \(\)	<u> </u>
(omlining Q, Q, Q & P Into I matrix: (DA00 Sa01) \le \tantill \	<u></u>
(omlining (a), (b), (b) (D) Into I matrix: (DA00 Sa01) \(\)	<u> </u>
(omlining (a), (b), (b) (D) Into I matrix: (DA00 Sa01) \(\)	<u> </u>
(omlining (a), (b), (b) (D) Into I matrix: (DA00 Sa01) \(\)	<u></u>