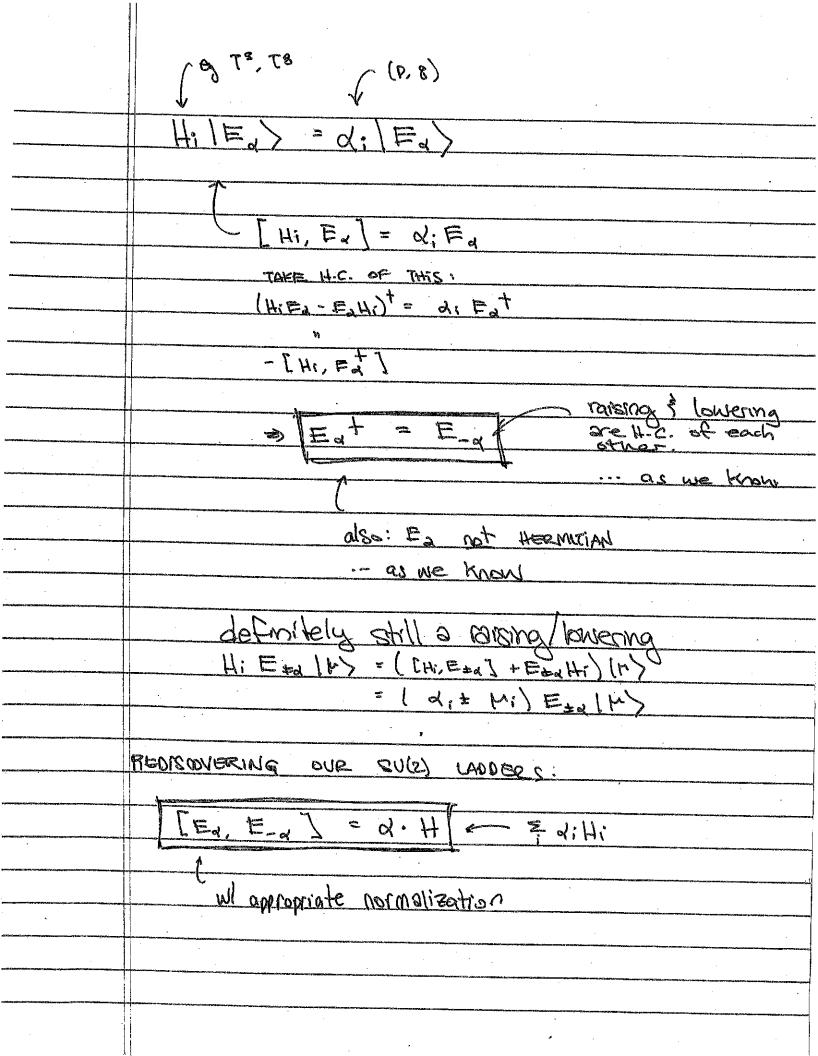
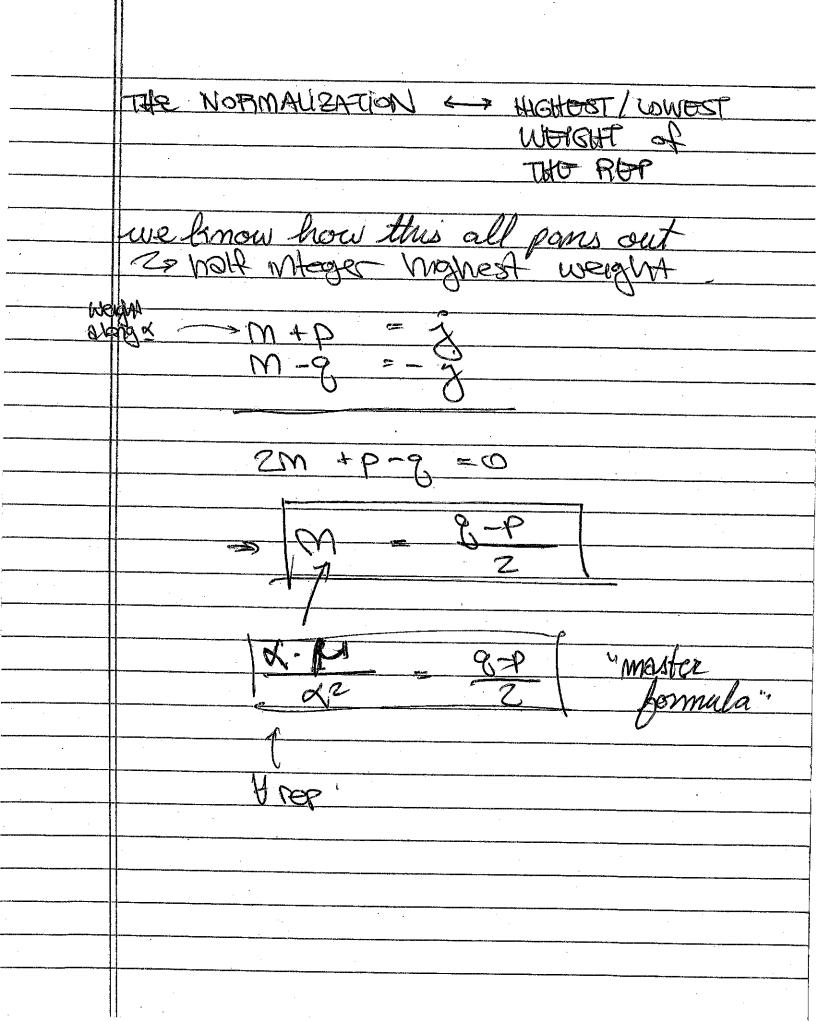
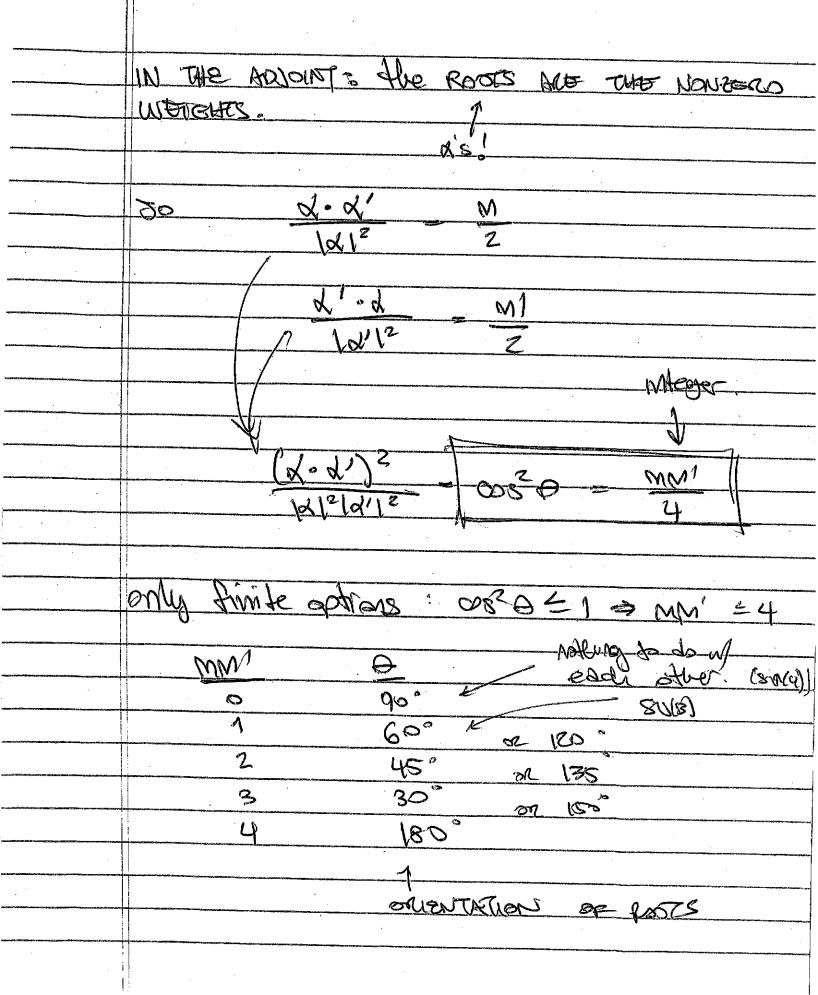
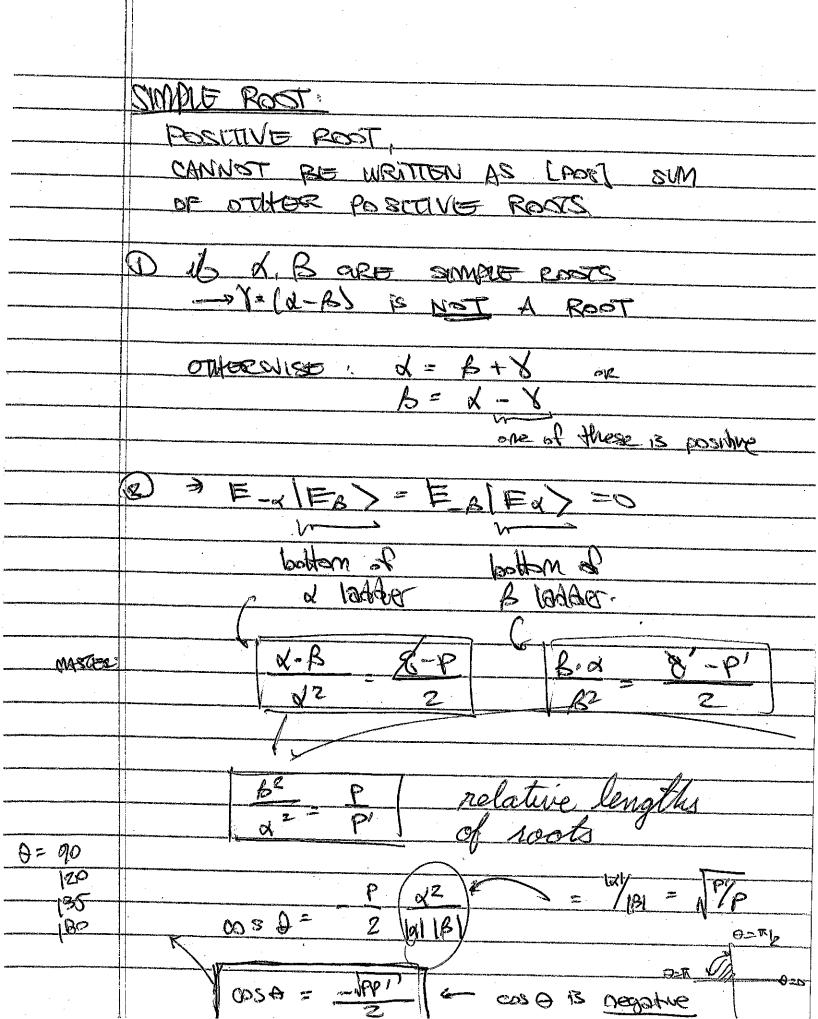
	LEC 12: Structure of UE AG 11 POR 119
	see lost few pages of Lec 11
	(A) os so soft
	following: KFIR BUM'S PARTICLES 1 - LUTON'S (2008)
	LIKE CLIPPS NOTES & GEORGE CH. (.7, B
	Generators
	<u>uenerarors</u>
-	CARTANI SUS
V	CARTAN: 3 Hi3 max set of commuting generators
·	
	BOOTS = "weights of adjoint rep"
	Eq. associated wil parsing/volumering of
· · · · · · · · · · · · · · · · · · ·	call these {E, g
	C ROOT VECTORS
(3+ V+ dv=(½, 13/2)
Meller and the Proposition of the American	TT dr=(ho)
	V- U du = (2, -13/2)
	ROOTS
alah mengangan seperbahan di Perupan perpanyan di Babba.	400.0



	RAISING & LOWERING
and the second s	for early # of PAIR, we have an su(2)
aly to account to the Addition of the Addition	E ± E ± 4 3 Ø·H
are all a little and a second sec	E # E # Q 2
err Caminan (1984) (), Michigh Malain mengguluk manan padir malain dapat sajaman menggi	
in the first state of the second state of the	gives [=3, =1] = 1 = 1
	[E,E-] = E 3 = Z Note: No factor of 2
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tid sperior grantes in the state of the stat	NOW CONSIDER A STATE IN
Commence of the second	with weight vector F
	onsider some su(2) Axis, tax
	M HAS WEIGHT ALONG THIS SU(2)
Milderstein erwick für Wilderland Wilderland vor eine erweitigen seiner. ************************************	
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an hadan di antanggan panggan	Vd21
g opening the day opening and the last the day opening and the day of the day of the day of the day of the day	M along the d Axis
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DANGER OF STREET AND STREET OF STREET AND ST	IS IMAPRY
and the second of the second o	2/2
COMPANY OF THE PROPERTY OF THE	-g LOWEST WEIGHT IS [M-ga)







relative les ? positive,
CHM: given the p's of the SIMPLE POOTS,
can construct unde algebra
8. SU(3)
SIMPLE ROSTS: $Q^{(V)} = \left(\frac{1}{2}, \frac{\sqrt{3}}{2}\right)^{2}$
$d(v) = \left(\frac{1}{2}, -\frac{13}{2}\right)^2$
2(v), 2(w) = - 2
ROT P is just "how many steps to highest weight
ROT P is just "how many steps to highest weight of this ov(2)?"
80 can RAISE /Egan) By Egan once
9 UNCE VEISO, GIVES A POSITIVE ROST
of courses this is Egan
(d(x) > d(x) + d(x)
ALL ROOTS: [+ 26) - 7 MAN YEST FROM
ALL ROOTS: [± 2(1)] = 1 now you know the whole algebra.
The MADE SIGNORGY

