Schematic entry

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Symbol occation

Text elet Schematic entry

Laureh ADE-L

Sheifer Analysis

Specify 1/1 & 0/1 to be plotted

Save the state

Run the circulations

SHORT CUTS;
fick corrhogents - I

wowing - w

fit soveen - f

howb of consharents - q

copy - c

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wodo - 21

bobil - l

Experiment No. 0 Date
SCHEMATICS-
Deserte a new bolder
2) open terminal inside that bolder and
2) Open terminal ionside that folder and execute the following command to open
voiteeses
acsh
Source / Rome/install/cehou
3) Greate a new library and link the tech
tech = gfolb180
a) create a new cell from cell view oftion
and name the cell.
5) Den schemater bill appears, place the
components ring component losto ou (I)
1) c of the series (ue) and 10 plans
change the purplet of
ruing (2), rotate it ruing (21), rends reing (21)
a) (and a regular every there eleps
2) (neale a symbol essing these steps A coll view (NIE) apply
A cold wiend apply

2) Check and earl before celating a uprobal a) breatle another cell view for whematic and we the yorbal ovated and bield the Quent in forces (b) for bit wieer, more the components if neg'd ming (m), label the wices riving (1), and immulate the deign OCADALYSIS !ill for the est should be DC voltage -> lowerch - ADE-L -> Analysis -> Sauce Oc paint > Sweep variable > Component paerameter > Select Vin # "D(voltage" - Set week range # 0-1. 2V & for investor - week type auto

Experiment No	Date
-ITI F :	

AC ADALYSIS; Il for the cht should be sind rignal a capacitas B/w 0/P and good. -> launch -> fung enough = 100 - 16142 I un rinulation ADE-L ~ 10 pts/decade -) analysis > AC To Vein forof > AC mag & phase > number of noise = 0 -> Ol ostlage (Vivid in Dl analysis) -> herees est -> AC mag = IV -> Anspliteralo = IV -> frequency = 1 kH2 TRANSIENT ANALYSIS !--> town - set stop tend - in Vien perspertees set Amplitudo= InV

N.I.E.

Simulation flow; Launch layout-XL bosom orginal schemater At Layout Enloy Quantum QRC Coreate config bile for the test It open configured test schematie cht Laurch ADE-L Lood the state

SHORT CUTS;Show layous: b+shift
bil screen = q b
edit housh = p

to stretch = s
via [contact = m] o

marel = m

rends = 2e ruler = k remaire ruler = shift+

Experiment No	Date
TITLE:	
LAYOUT:	
1) open schemater of cynnbol	120 M. W. C.
12 1 sunch -> Lackset XL	The same of
3) ordate new layout and ret	It to outs
a suce the blook layout open.	s, search for
"alrevate all from soulls	al bollons
left course, relect default	rethings
3) frees shift + & " to see all	
c) frees "P" for hath and connect	au to At,
"s" for streetching the hath.	"o" for placing
contact blue 2 layers	
- on defination (relect appropria	te as/nyt).
& for body townered to be willed	, go to herof
of teans and select body type	as integristed
Exather than ringle fin,	izantal siail,
eather than ringle kin,	
(N.I.E.)	

- relect fin > ought click - her placements = attenbules = edge type top for Val & Bottom for gud -> horizontal vail > wholy. TO CHECK DRC :click AURA (top) 2) tech a) go to home > install > founday > anolog > 180 nm > aun_ tech - to lilo. 5) click on AORA again e) ouale a woorking der (name it as DRC) 7) guel ruer and ruer dies 2) chy tech to 120 nm a) 26 DRC is violated, cha the design ning in and measure distance blue 2 components néeng sules (k) [shift+k la remove sules]

TITLE:
LAYOUT OS SCHEMATIC CHECK. 1) sun lus 2) choose dies 3) chy layout if lus is on sislated.
EXTRACTION:- 1) AURA 2) sur quantiers ORC. 3) extensition -> extensitions light to RC. 4) suef node gnod! 5) Covered a combig bill for test abterned extensitions -> covered new ceell -> type combig -> view schematie -> re template -> click appeters -> OK
c) TREE viewl 2) cleik on instance (bolder type). 2) AV- eatherted (sight cliek)
a) often (a) RON unrulation (N.I.E.)