| 02/03/15 | -W5 |
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| 001-1103 | |

EHD 322E Dipital Fledroise Craydo

Ognamic Power Consumption
et en inverter

what is the source of power/every? > power imply (botters)

How is it consumed? > through heading

How et electrons (convent)

power = everys

time

Total supplied envis (Bupp.)

Energy stood in the circuit (Esta) + Energy consined

Ley the croad via heating (Ec)

FSPP = EST+ EC

- Energy special by power spolices
- Energy solved via approcher, and inductors

- Every consumed by circuit devents.

cherry my (1 Energy consumed in FORT ICL Yel The most of the second Espa = SI, (+) You dt by 400 I.(E) = CL d Ve(E), VontoVe bycapacitan Ext = SIc(t) Vc(t) dt, Ic(t), CL dvc(t), VotaVC ≥ Ed= Cr > 1849 A.94 $\Rightarrow \mathcal{E}_{s} + \mathcal{C}_{s} \xrightarrow{V_{00}} \Rightarrow \mathcal{E}_{c} = \mathcal{E}_{\rho,s} - \mathcal{E}_{s}$ Fc = CLY00

commed every through heating in the PMOS draw.

1 Every consumed in discharging

Europ: Energy shored by capacities during charging

conserved erectly through heading in the NMO) tren.

Total every coveried in charges and discharges

Dow is energed line

ر داس

free max

in grek.

r from.

or ut

Ma John

Aurge power coumptier in 1 period

(W) Line of the Control of the Contr

TWY TOLE OF WEST COLLEGE

Enrich on Intel Eve IS when processors som with a clock frequency of 364t. It has & billion transformers, 0,5 pmas) and CL = 121F

for each drawbler; Voo= W.

Calculate the nex pour consumption?

for one must proof par Por Econo form

for 0,500 pairs Par & 15 LW Los high (should be (2000)