## Review OF THERMODY NAMICS

ENTROPY IS A PROPERTY CACCULTED MAINLY
TO KNOW THE FEASIBILITY OF THE PROCESS

15 > 0 FEASIBLE PROCESS
Univ

DS UNFEASIBLE PROCESS.

ASUNIU = O EQUILIBRIUM IS REACHED.

IDEAL SITUATION

CONCEPT OF UNIVERSE

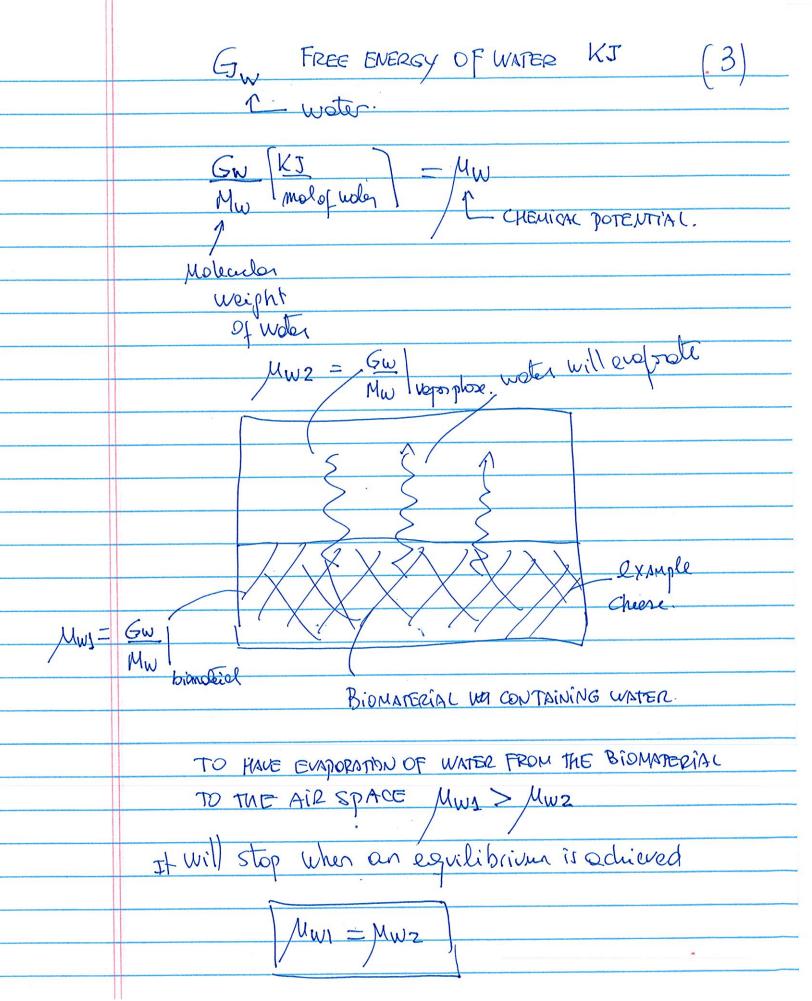
- SURROUNDINGS

SYSTEM

EXCHRUGE OF ENERGY > BY HEAT AND WORK.

UNIVERSE = SYSTEM + SURROUNDINGS.

	(2)
	$\Delta S_{\text{unit}} > 0$
	AS + AS > O FEASIBLE PROCESS
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	ithosts
	it could be be positive regetive and of length magnitude.
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Man of the second	
	WHAT IS THE PROBLEM WITH THIS APPROACH?
	WE NEED TO CALCULARE AS syst and AS smood.
or the state of th	syst surond,
and the second s	Gibbs = FREE ENERGY (& Gibbs ENERGY)  ABSOLUTE TEMPERATURE.  G = H-TS  ENTROPY.
	ABSOLUTE TEMPERATURE.
	G = H-TS.
	1 ENTROPY.
	CNTANY
	It we express the reasingility conditions in terms
	OF G
	DG > 0 UNFEASIBLE
	ACCO FEASIBLE.
	1 43 2 0
	AG = O EQUILIBRIUM.
	sys.



CALCULATION OF CHEMICAL POTENTIAL FOR AN IDEAL GAS FREE ENER PUR MODE OF PURE WHOLE OF

PRESSURE. TEMP T

WWW + RT ln PW

NO På r refor prossure of pure water. PW at augeobre T relew Wfor.