	· Statistical mechanics: system in equ	7-6.
	(static, no state.	
	likelihood)	
p	Micro canonical ensemble : isolated system	wl
	macro variables	
	macrovanaves	
	Postulate of equal a priori probability:	in then
	dynamic equilibrium, alle states consist	
	macro variables are equally probable.	
6	Ensemble average:	
	\$ (p. 3) 9 (3, 3) d3r p d3r	3
	$\langle f \rangle = \frac{1}{\left( \rho(\vec{p}, \vec{z}) d^{2N} \vec{p} d^{2N} \vec{z} \right)}$	
	objected p(p, q) = 1 const for E = 1	H(7,4) <e+1< td=""></e+1<>
	) It o otherwis	٤
•	Fluctuations << 1: < f3> - < f3 <sup>2</sup>	
	Thermodynamics 4> Statistical tractanicsabsolute +	emper 4
	$S(E,V,N) = k \log T(E,V,N); \partial S(E,V,N)$	