Lec. 25-d-core lemma

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Pages

The key is the following inequality.

Cone lemps!

YESO AND YPE DIA, 6]

could

X

Disc(+) "The characterstic / Indicator

tomorphism of Disc(+)"

Deft! let SE[4,6] The outer Januar Contat of S denoted C(S)

 $\mathbb{Z}(S):=\mathbb{U}(X_{r})$

The upper Darboux Integral of the characterisc definition of 5

"S together with all of its limit points" Core losunc > This director of Lebergarthing

Assume JER ([a,6]) then we know that I sequences Pm & DTabo S.E.

 $\lim_{m\to\infty} \left(\overline{U}(P_m, +) - 2(P_m, +) \right) = r$

plug in In m lih. s, it core meguality to gt $T(P_n,f)-L(P_n,f) \ge ET(Disc_{\epsilon}(H))$

 $C(Disc_{\epsilon}(H)) = 0 \forall \epsilon > 0$

Poposition: c(pse,G)=0 + E>0

Lift Disc(f) =0