National Property and State of the State of	Tutoxial-7
Secretary and the second secretary and the second s	
	Let $f: 2 \rightarrow C$ be a holomorphic on a domain Ω . Then Widow not achieve a maxima inside Ω .
and the same of th	non-consophic f on a co
	Let f: 2 > 6 be avoir a inside 12.
	Then, If I does not a chieve a maxima in side 12.
	Mossowa, if f is defined on the boundary V of a, then
	mostava, if fis defined on the co
	$\sup_{z \in \mathcal{R}} f(z) = \sup_{z \in V} f(z) $
	26-8 26Y
	Schwarz Lemma
	A TO THE TENNER TO SELECT THE SECOND SECTION OF THE SECOND
	Suppose f: D -> C be a holomosphie f ⁿ s.t.
	(i) $f(0) = 0$ (ii) $ f(z) \leq 1 \Rightarrow z \in D$
	Then, If(z) ≤ z + z & D and If(z) ≤ 1
	Moreover if f(z) = z for some Exces z = Z D (80)
<u>a</u>	or if Ifilo) = 1, then f(z) = az + ze D for some
	$a \in \mathcal{C}_{3} a = 1$.
1, 1	the subject of the su
	Proof: Take 9(2) = { +(2) / 2 +0
	L-5'(0), Z=0
	P7 18(2) 1≤1 +2 € D
	AT LAND IN 2 2 MARKET TO THE STATE OF THE ST
	$ g(z) \leq g(z_0) \Rightarrow g(z) \leq f(z_0) $
	=> 1g(z) \(\frac{1}{9} \) \(\frac{1}{12} \) \(\frac{1}{14} \)
1	Basically The
	76/8(2) = 1+8 for some 8>0, Choose 8-1+ 1-6
nation of the same	19(2)1>1 = contractiction
	7 3 -11-11-11-11-11-11-11-11-11-11-11-11-11







