	DATE:_/_/PAGE:
M circles are used to determine the magnessing OLTF.	itudi of CLTI
* Applicable only for unity feedback systems	
M(jw) = 4(jw) / 1 + 4 (jw)  G(jw) = n + jy:	
G(jw) = n + jy	
[14(Jus)] = \ 12+y2/ (1+n2)+y2	
M2 (J+ n2) + 142y2 = 22+y2	
N2 (1-m2) + (1-H2)y-21 n s M2	
$1-H^{2}$ $1-H^{2}$ $1-H^{2}$	
adding $(H^2)^2$ in both side we get	
$\left(\frac{9-M^2}{1-M^2}\right)^2 + y^2 = \left(\frac{17}{1-M^2}\right)^2$	
The above equation represents a with its center at I'm	family of circles
with its center at I'm	m2 10) and radi
[ <u>M</u> 2]	