AI 44 & 45
Visa aut (E) = E.
Z= X+1 M (L)= (A+1)
$\left(\frac{\mathbb{Z}}{\mathbb{Z}}\right) = \left(\frac{(x+1)^2}{(x+1)^2}\right) = \frac{(x-1)^2(x+1)^2}{(x-1)^2(x+1)^2} = \frac{(x-1)^2(x+1)^2}{(x^2+1)^2} = \frac{(x+2)^2 \cdot ((x-1)^2)}{(x^2+1)^2} = \frac{(x+2)^2 \cdot ((x-1)^2)}{(x^2+1)^2}$
$\frac{\overline{Z}}{\overline{U}} = \frac{\chi - i \cdot \exists}{(\chi - i \cdot \gamma)(\chi + i \cdot U)} = \frac{\chi + \chi + y \cdot y + i(\chi y - y \cdot U)}{(\chi^2 + \gamma^2)}$
$\overline{\omega} = \overline{\omega - i \gamma} = \overline{(\omega - i \gamma)(\omega + i \gamma)} = \overline{\omega}^2 + \gamma^2$
571 L 24 X1, X2, X1 Vara 1984 and E711 X = 1. Visa at & X = 0
Bevis
eku ar: Xº-1=0
$X^{n} = (X - X_{1})(X - X_{2})(X - X_{3}) \dots (X - X_{n}) = X^{n} + X^{n-1}(-X_{1} - X_{2} \dots - X_{n}) + \lambda \text{ if give order} $ $X_{1} + X_{2} + \dots + X_{n} = 0$
Jung web NT
Bevis 2
Cremetrisk summa. S=1+c+c*+c*
$C = C + C^2 + C^3 + C^{N+1}$
$CS = C + C^2 + C^3 + C^{n+1}$ $S + CS = 1 - C^{n+1}$
$(1-C)$ $S = 1-C^{n+1}$ $S = \frac{1-C^{n+1}}{1-C}$ $C \neq 1$
S= 1-C (+1
Los ekv X'=1, x=rei6 => X"=1"e i9"=1e'0
(r <sup>1</sup> 1 => r=1
$\langle \Gamma^{n} = 1 \rangle = \langle \Gamma = 1 \rangle$ $\langle \Gamma^{n} = 0 + 2 \rangle = \langle \Gamma = 1 \rangle$ $\langle \Gamma^{n} = 0 + 2 \rangle = \langle \Gamma = 1 \rangle$
X°= 1
AII 22
Hitta alla komplexa navställen till Sin(z)=0.
Sin(z) = 2 =0
$e^{\frac{1}{2}} = e^{\frac{1}{2}} = \frac{1}{e^{\frac{1}{2}}}$
$e^{2iz} = 1$ $2iz = 2xi - 2y                                  $
Z=x+iy=>e=e=1e
$e^{-29} = 1$
1×=0+2 kTC
9=0
X= kTZ
26,1
$\frac{e^{1} \cdot e^{1}}{2} = \frac{e^{1} \cdot e^{1}}{2} = \frac{e^{2} \cdot (\cos(x) + i\sin(x)) + e^{2} \cdot (\cos(x) - i\sin(x))}{2} = \frac{\cos(x)}{2} \cdot (e^{-1} \cdot e^{-1}) + \frac{i\sin(x)}{2} \cdot (e^{1} \cdot e^{-1}) + \frac{i\sin(x)}{2} \cdot (e^{-1} \cdot e^{-1}) + \frac{i\sin(x)}$
$Re\left(\cos(z)\right) = \frac{\cos(z)}{z}\left(e^{-y} \cdot e^{-y}\right)$
$Re\left(\cos(z)\right) = \frac{\cos(z)}{z} (e^{-y} \cdot e^{y})$ $Im\left(\cos(z)\right) = \frac{i\sin(z)}{z} (e^{-y} \cdot e^{y})$
$\operatorname{Im}(c(s(z)) = \overline{z}(e^{-c})$

