Ejemplo Gauss	Seidel	(O) M	Scribe
A = 6 18 3 b 2 12 0 4 15 3	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ x_1^{\circ} = 0 $ $ x_2^{\circ} = 0 $ $ x_3^{\circ} = 0 $	
$X_{1} = - \{ a_{ij} \times_{i} \}$	-(18(6) + 3		- 4
$X_{z}^{k=1} = -\left(q_{z}, X_{1}^{0} + q_{z}\right)$ q_{z}	3 X3 + bz) (2 ()	(2) + 0(0) (+ 19 =	$\frac{18 - 9 - 3}{12 \cdot 6 \cdot 2}$
$X_3^{=2} = -(a_3, X_1^0 + a_3)$		(1/2) + 15 (3/2))+ 0	= - 49 = -8.0
Segunda Heración $x_1^{k=2} = -(18(3/2) + 3$	10	= 0.083	
$X_z = + (2(1/42) + 6$	0 (-4976)) + 19 - 11 12 7	3 = 1.5694	
	3 ("3/22)) +0 = -	191 7.95	
$X_1^{k=3} = -(18(113/72) +$	6	-11 = -0.729 48	
$X_z^{k=3} = -(2(-1/48))$	12	467 = 1.621 288	
$\chi_3^{k=3} = -(4(-1)/48) +$	- 15/46 ² /288)+0	= <u>749</u> = -7.8	0