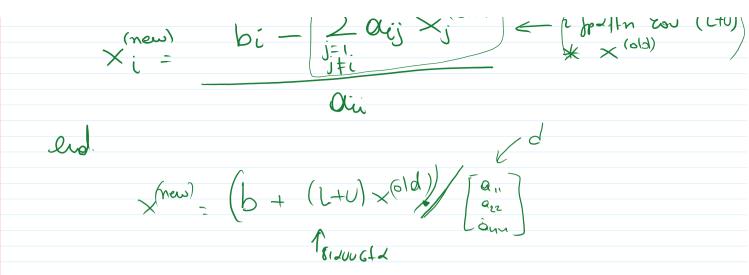
Orfopolus Jacobi (huppi nivara) $X^{(0)} = 0$ for k=1,2,... Matlab $\times \stackrel{\text{(E)}}{=} D^{-1} \left(b + \left(L + U \right) \times^{(k-1)} \right) \sim \times \times \stackrel{\text{(New)}}{=} D \setminus \left(b + \left(L_{HU} \right) \times^{(6(d))} \right)$ if K > K-MAX if | x (1c) - x (1c-1) | < tol if || Ax (x) - b|| < tol Stop and function [sol, err, it] = jacobi(a , x0, b, tol, maxiter) apxikonoinen zum noosettixold = x0;error = tol + 1; verbigações cos maxoun carpoiações while (iter < maxiter & error > tol) d = 812 june to Th xold = xnew; Mat * X) of d A. iter = iter + 1; err = error; (b+ mxt * x) sol = xnew; most = L+U = D-A Karw rajono J za A tril, triu $\sum_{i=1}^{n} \alpha_{ij} \times_{j}^{(old)} = \left(i \text{ frall in zon (Ltu)}\right)$



Άσκηση 1:

Προσθέστε στη Jacobi το 3ο κριτήριο που έχει παραληφθεί.

Άσκηση 2:

Όμοια υλοποιήστε τηνν Gauss-Seidel.