9. 差 11×11 > 11×11 = 11(x-y) + y11 = 11×-y11 + 11y11 => 11×1-11y11 = 11×-y11 4字上 |11×11-1411 | < 11×-411 11·11)由定理 午知: ||X\*+-X\*||4||G||·||X\*-X\*|| < | [61 | · 1 (x\*-x\*+1)+(x\*+1-x\*)] 由定理 4:11X\*-X\*11 ≤ ||G||\*1|Xº-X\*11 故 R霜证 ||x°-x\*|| = ||G|| ||x'\*-x°|| 取了i正 ||xº-x\*||-||x'-xº|| < ||白|| ||xº-x\*||  $||x^{\circ}-x^{*}||-||x^{1}-x^{\circ}|| \leq ||x^{*}-x^{*}||-||x^{1}-x^{\circ}|| \leq ||x^{*}-x^{1}||$ 由定理4:1/x¹-x\*1)≤1/6/11/x°-x\*1) 故得证.