Tile III 186 2 0/4338836 Ain 15-veys= Let's consider vector = [x, x, x, x,] with single siggest element x. It is clear that if x, >x; for any it; and ix n then

line x; >> prox x; and therefore in £x; & line x;

and prox (£|x:1)' = prox (|x;1)'' = |x;1 = sex (|x;1), If there hypered to be non elevents with the case par & so that x; > x; for every iten. In

the case par & x; = n. 1/2 x; Now tehing

the root yields par (\$1 x; 1) / = 1/2 (x x;)//e where for large of 1 1/2 | and +lare fore

1:2 (\$1 x:1) = 1 = 1 x; |= 1 x (1 x:1) (2) (3) When seeding N = INT_MAX +le vilve returned Sig Germanie Luken 17 22 0647793 which it some then either of week I functions retired. This is die to the elsorithm recliency the effect of more cel error when adding placts.