exogenous gr. A. S. King line w) Wee) = e - 2 1 1+4 4 € Io, 1] 80.05 MMalporithm is a direct seares which starts @ critical frees 2 Heatively searches for fromun by evaluating for a reastly points dela a) greet over (kil). I wed global oftimization Nelder-Illad from Optine package. NM does of nesol derivatives. Code is attached but I cannot fix town in line 7th related to optimize ") direct over single (k). Tuted solutions from PSD2.

"NM knue" Differe" (Marched Solutions from PSD2) "interp", NM from "Option". analytical Solution for l'used: the 1 = fipe wet replace as problem in Octore negative utility -2% Stary= wt G to wave it mak WE= (1-1) = KE & le-1 rinities sues = 0,80 Kss Le = /1-4/2 K/d le -d Ct a code I tried to solve analytically for a Le = (Ct Kt Z(1-t)) Try wt 18 the constitution analytical expression for consulption I solve for extended as there is attached . Plots are not affacted as there is an error to be fraced. I assumed less & used a stacked as there is

fo fiver ( 2 - 3 C2 ) (Fuler (4)) Dusing TOCs frace Bax: 8= (1-d) ] 4+7 N= LEK of 1-d C+ - BC+1 (1-5)+Q+1 =0 10=7 (1-d) K R f-d Using "Enter Rowage. Cannot attach plots

a stepe due to error (still working Pd) capital V to sojo of stood state. I attempted to write code (attached) 94) "Tiktak" is a global of 6 miration algorithm ulies is claimed to be redust & efficient. It is local search afforithm starting a Enitial foint & Ederates Refining Solution of moving to a rew fort in search space of it has a best obj. fr. value. It consines random and deterministic steps. I periodically restarting from new initial fort to ensure et is not struck a hour shirt out in Overall, it is hereistic tope to it is weful in multidimensional spaces. pandom sources a forthem for America Assist Composited of Forthem for America Assistant of Fortier of The forthem for the fafor.

I followed our algorithm for the fafor.

Men 16), c)d)e). I med Greewark fu, with n=2 and n=5. and Rastrigin for with n=2, n>5 of there is the an error in

the line (86) which I don't know

how to fix. Recover of this error I

cannot feel coole execution to the First Person

The is the same error (7 dightighted it