Kod sa vežbi br. 7.

Opažanja:

- staviti u Modeling > Solver: Solver Selectrion: Type: **Fixed step**

- Postaviti step time na **0s**

- Vreme posmatranja do **30 ms**

- Format izlaznog bloka ToWorkspace da bude **Timeseries**

- Primeniti pristup struct-u kao simtemp.vR2.Data

clear variables

filename = 'RRLC\_BPF\_v3\_TS.slx';

% Osnovni podaci

C\_var = 1e-6; % default C\_var

simtemp = sim(filename); % initial simulation

time = simtemp.tout;

N = length(time);

% Niz vrednosti kapacitivnosti

C\_var\_array = [1 2 5 10 15] \* 1e-6; % Array of capacitances

K = length(C\_var\_array);

vR2\_sim = zeros(N,K);

for k=1:1:K

C\_var = C\_var\_array(k);

simtemp = sim(filename);

vR2\_sim(:,k) = simtemp.vR2.Data;

end

figure

hold on

for k=1:1:K

plot(time, vR2\_sim(:,k));

end

hold off;

grid on;

legend(string([1 2 5 10 15]))



 





