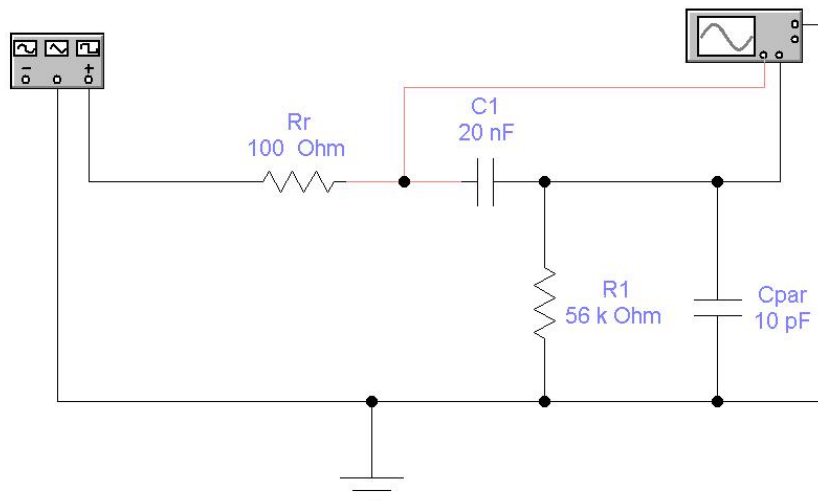
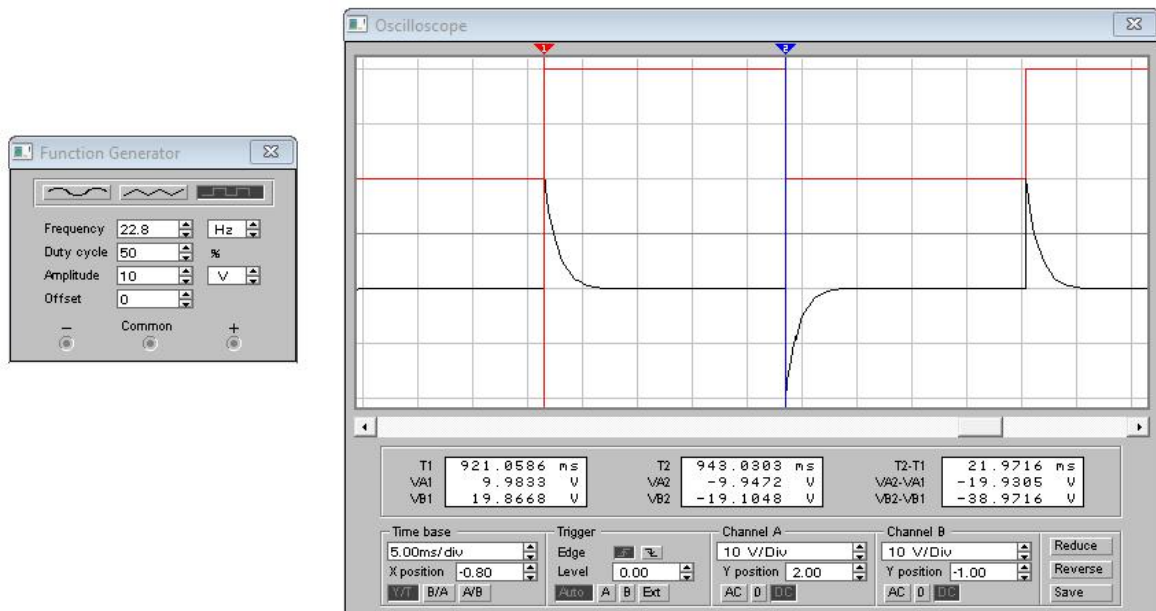


Часть 1  
Схема 1:

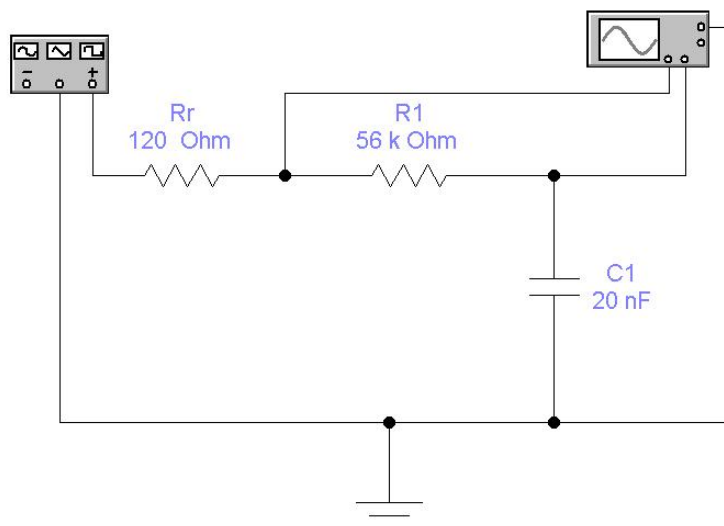


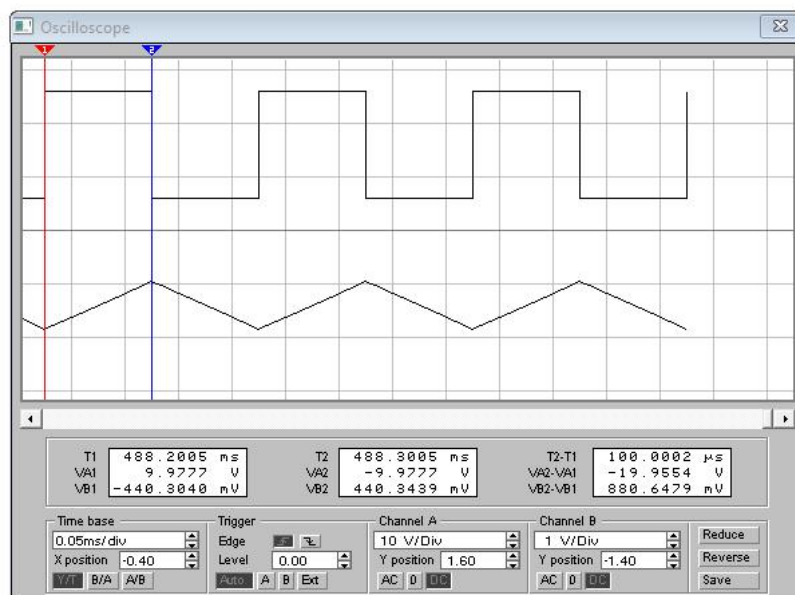
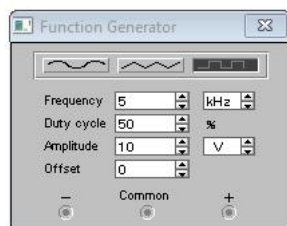
Частота равна 22.8 Герц, при ней  $t_{и.вх} = 22 \text{ мкс}$  (я 12 вариант).



$U_{вых} = 19.8 \text{ V}$

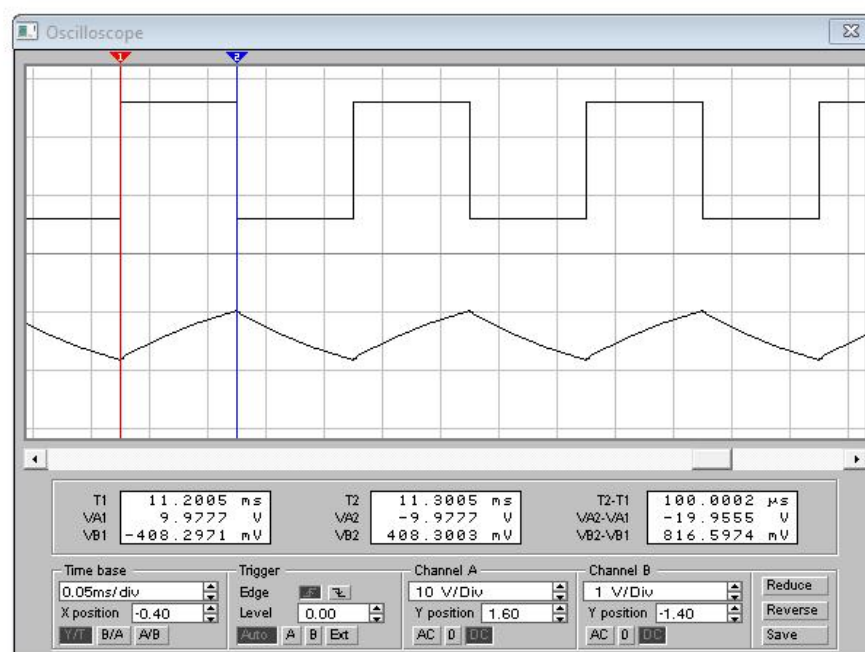
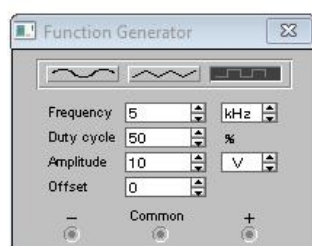
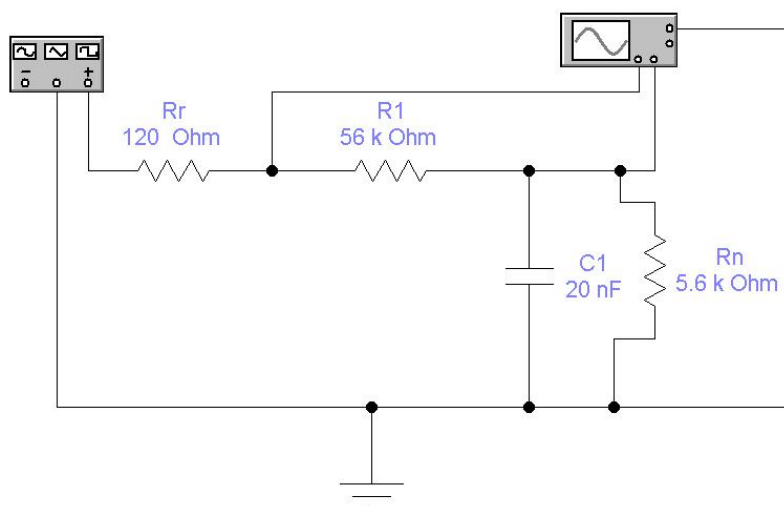
Схема 2:





$U_{\text{ВЫХ}} = 0.44 \text{ V}$

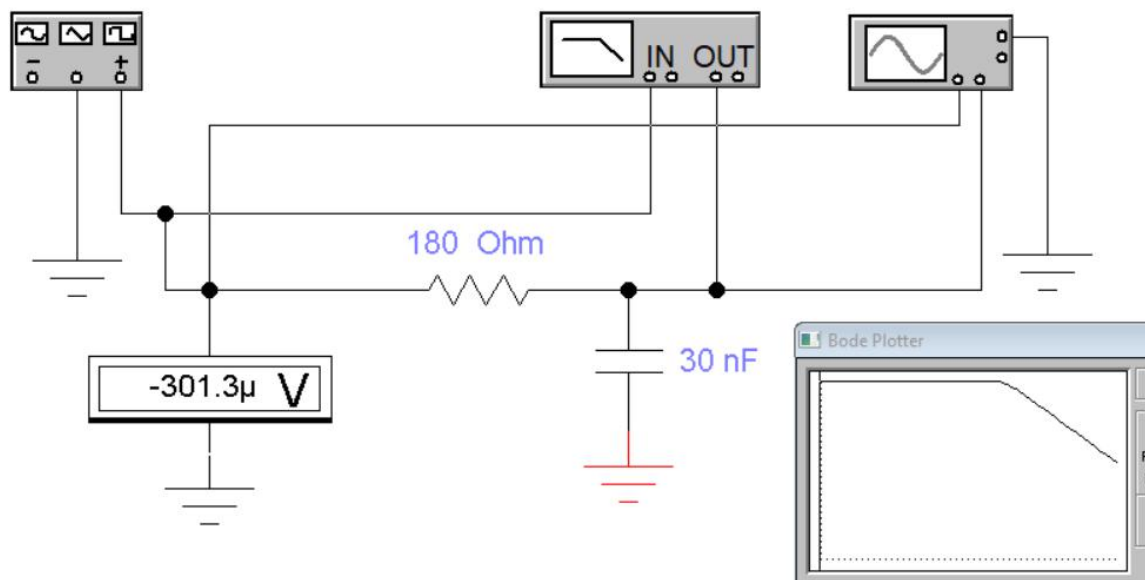
Схема 3:



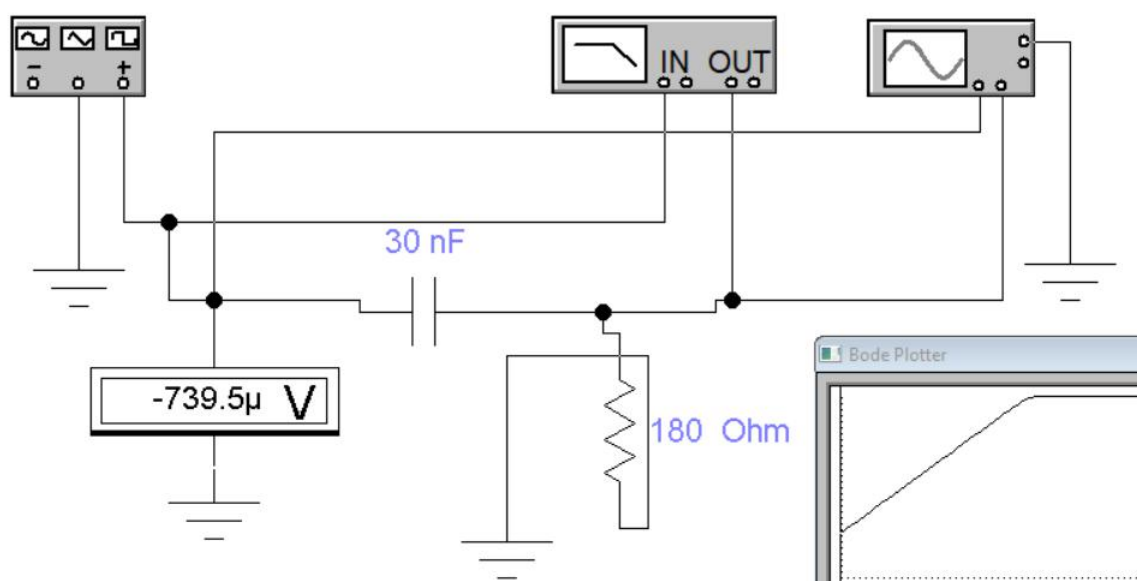
$U_{\text{ВЫХ}} = 0.4 \text{ V}$

Часть 2

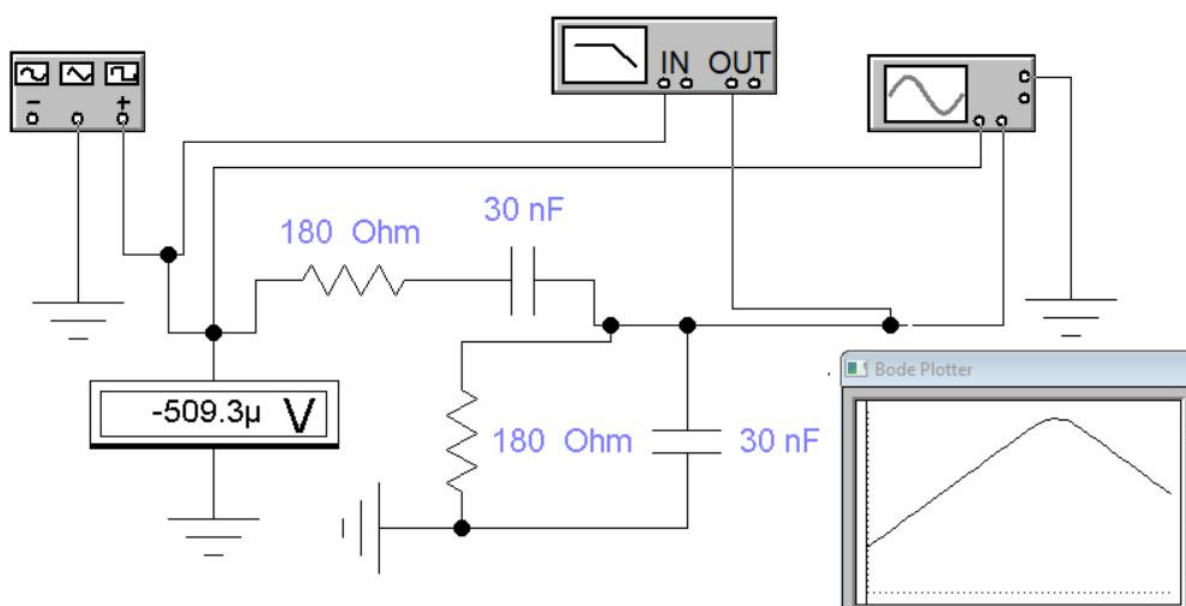
Схема 1:



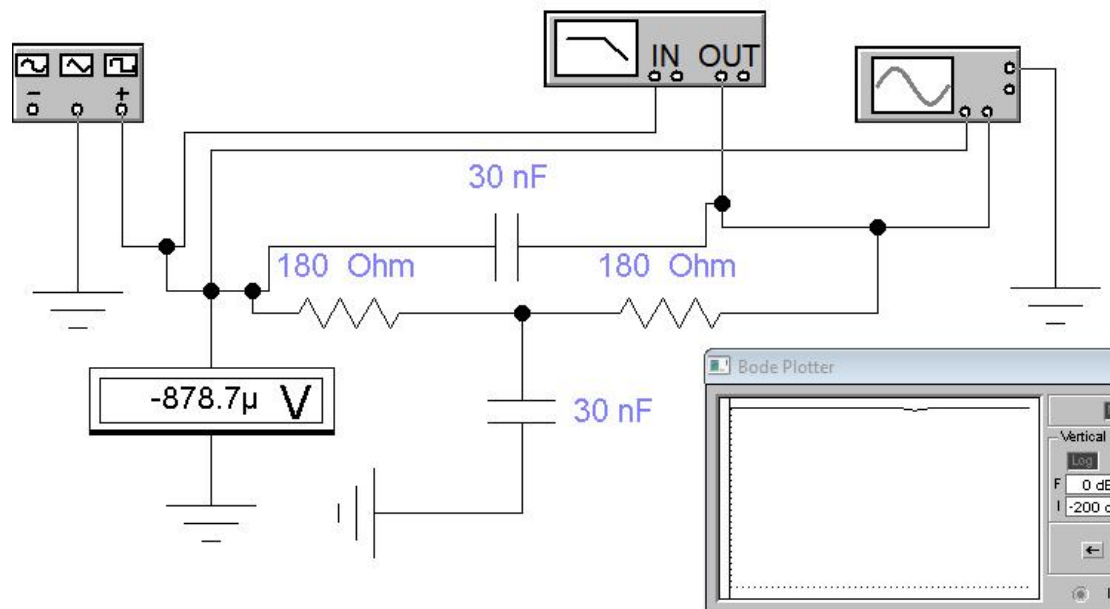
Cxema 2:



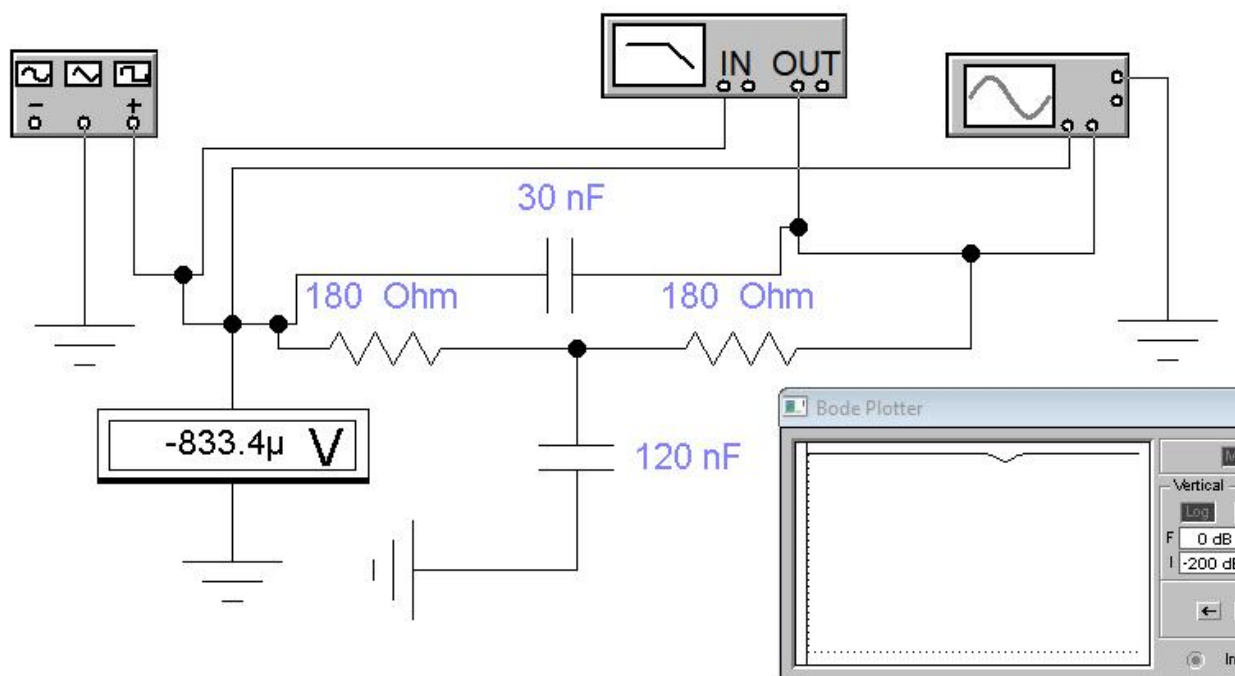
Cxema 3:



Cxema 4a:



$q = 4$



$q = 50$

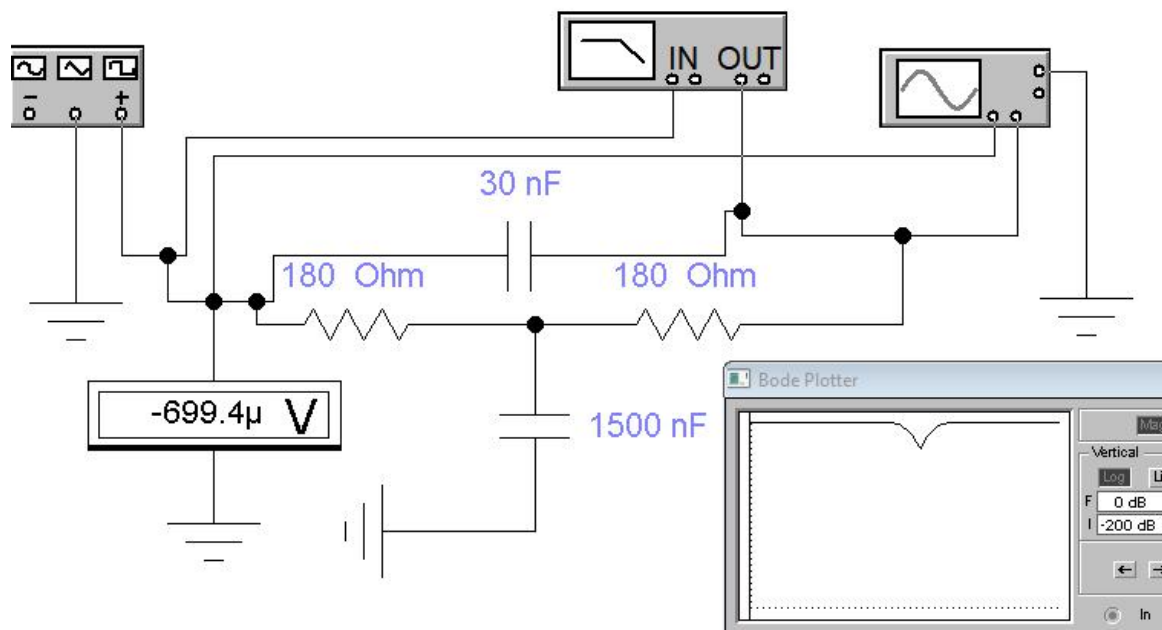
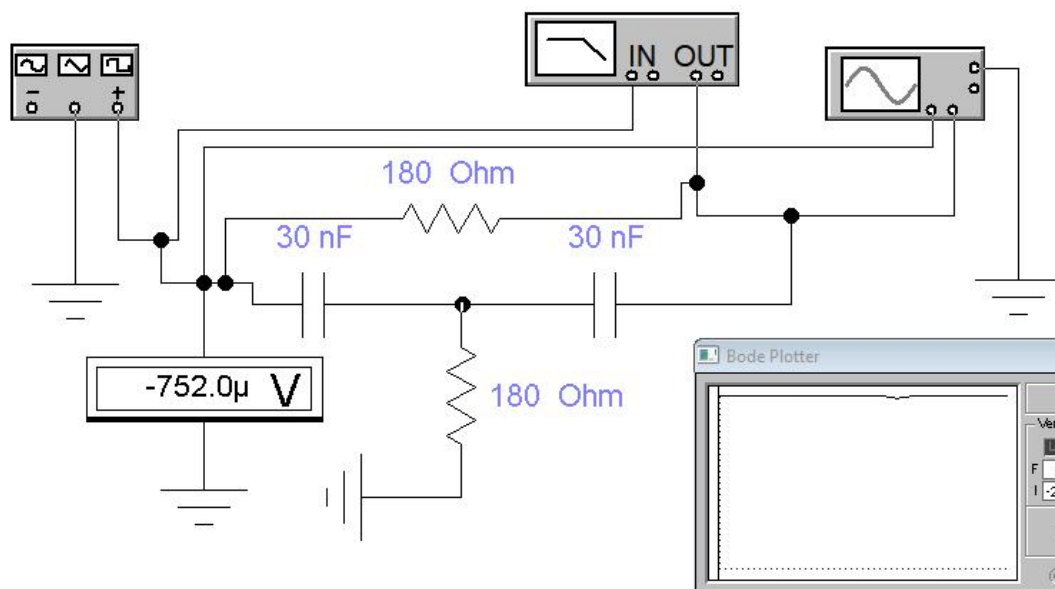
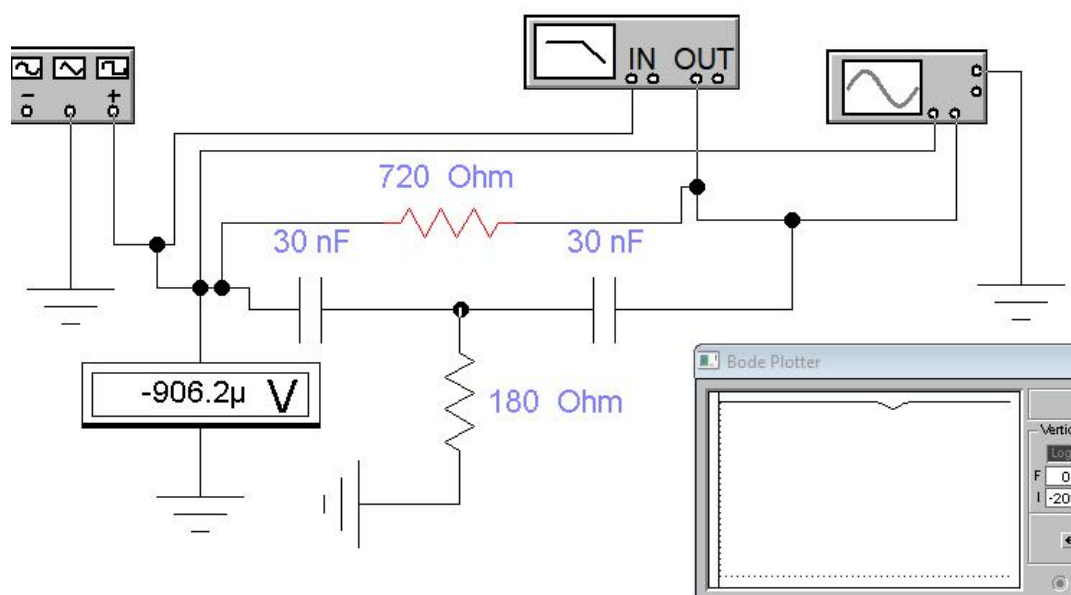


Схема 46:

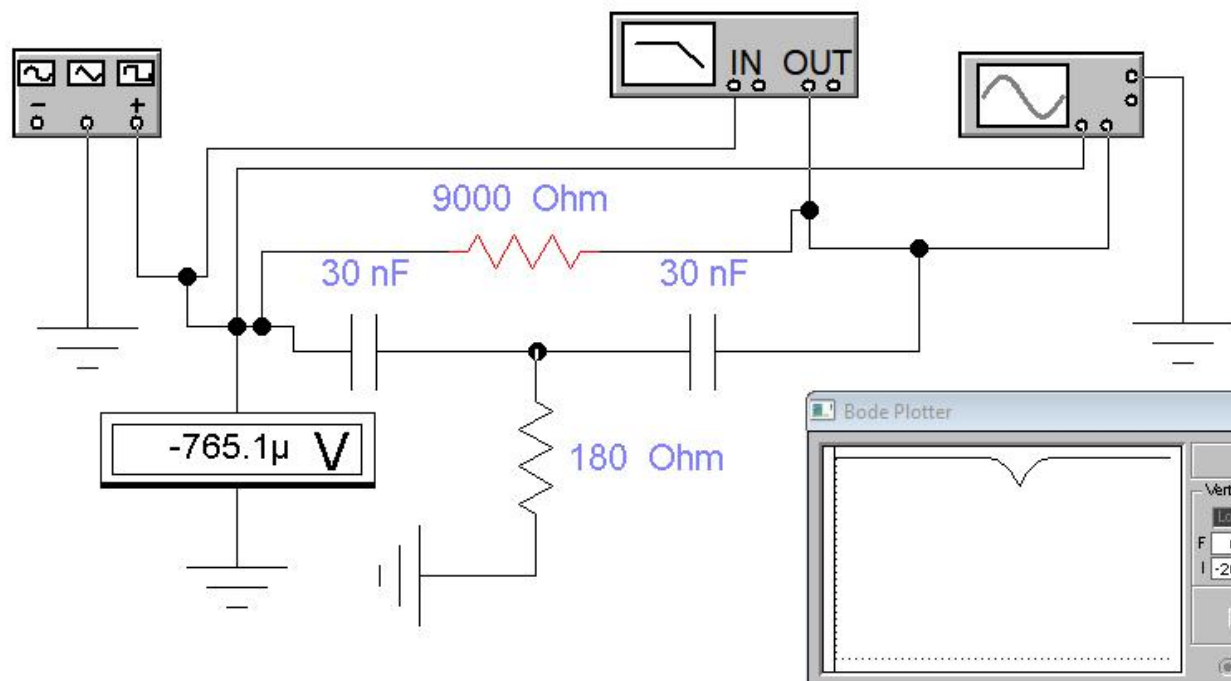
$q = 1$



$q = 4$



$q = 50$



Вывод: схемы а и б эквиваленты

Часть №3

Схема 1:

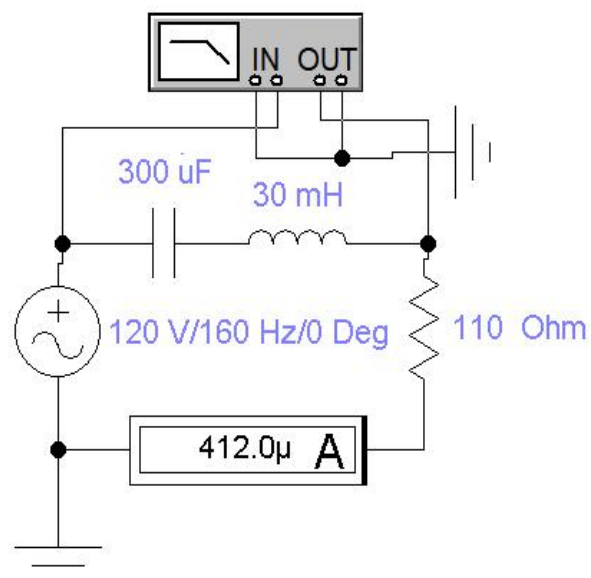
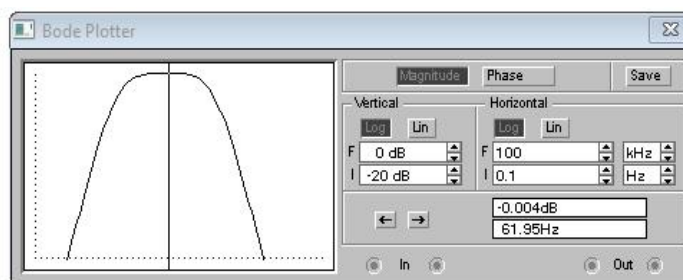
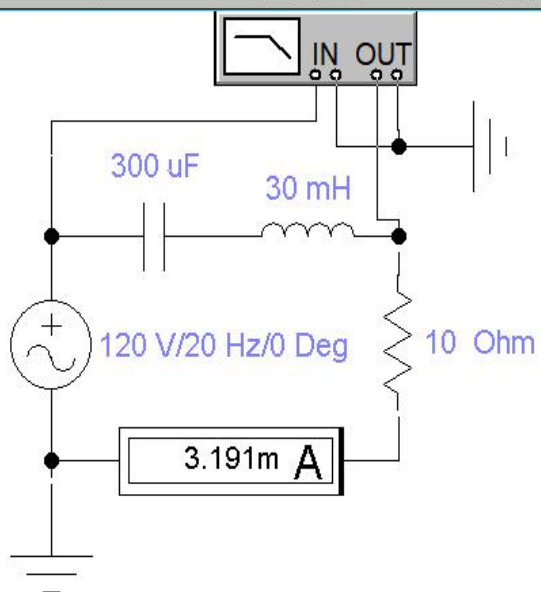
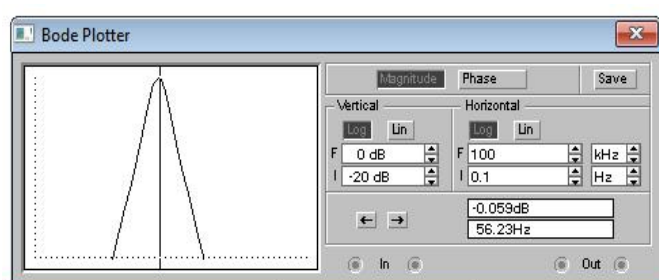
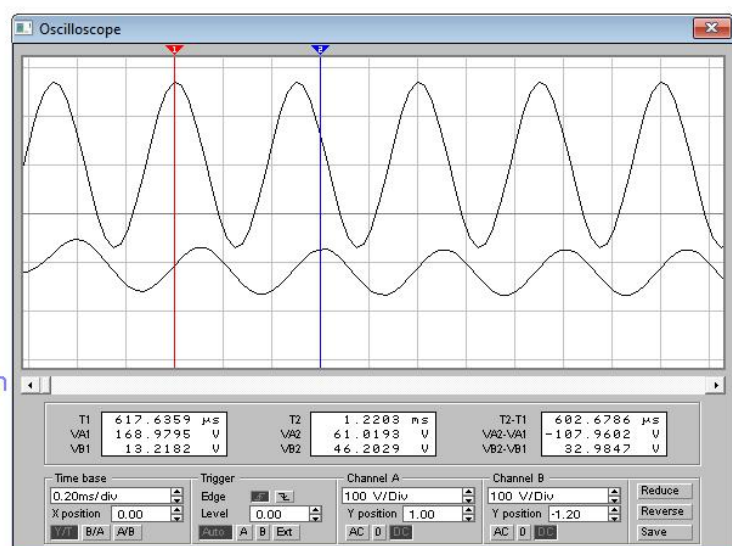
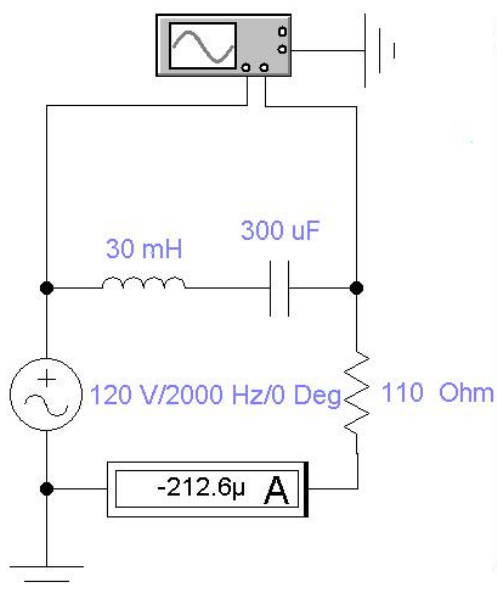
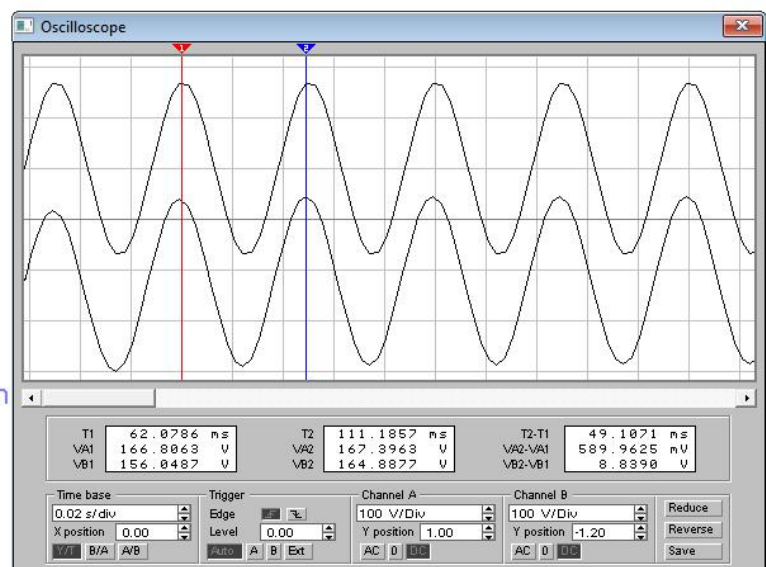
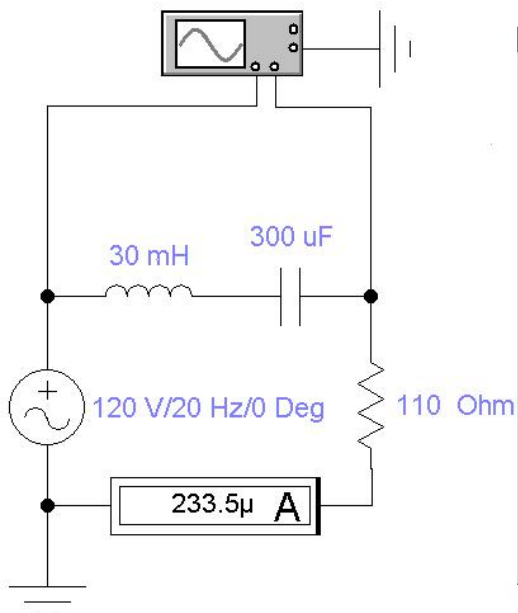
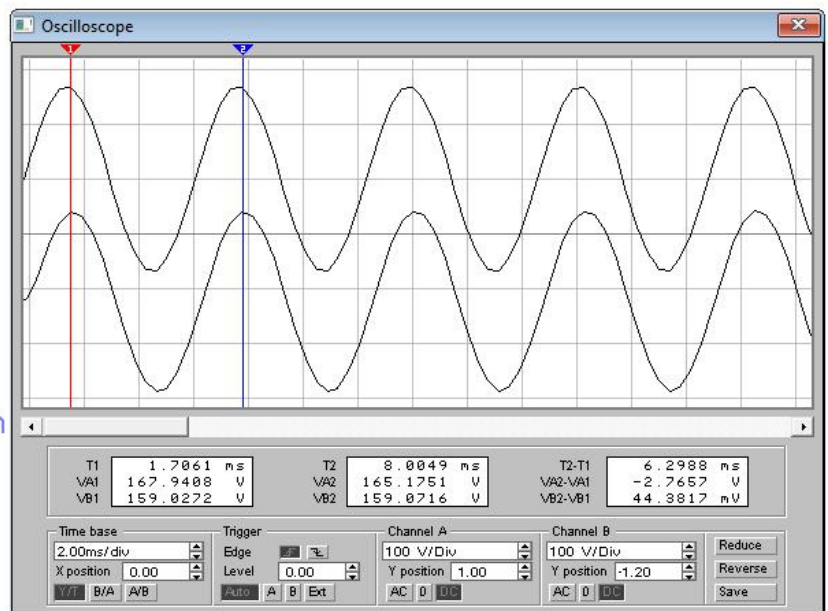
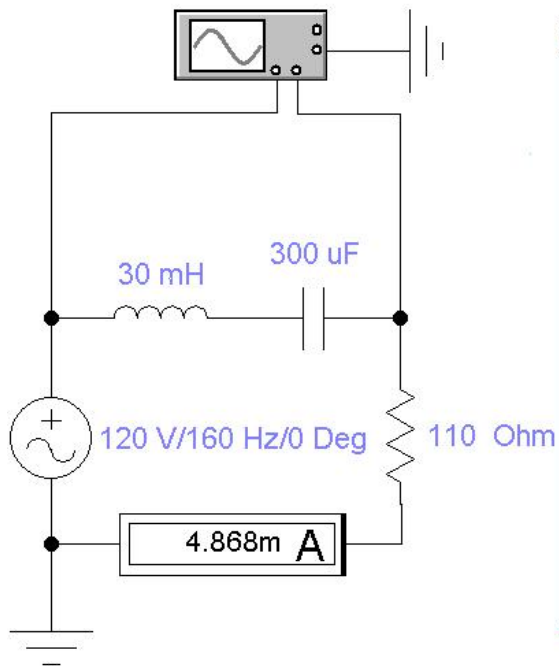


Схема 2:



Cxema 3:



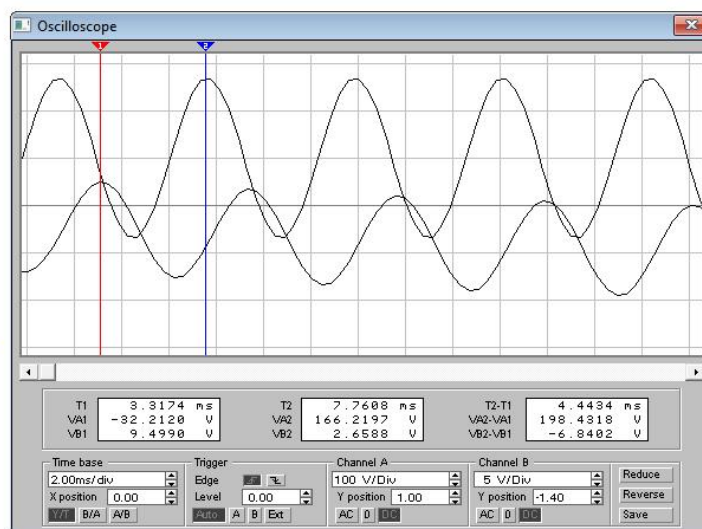
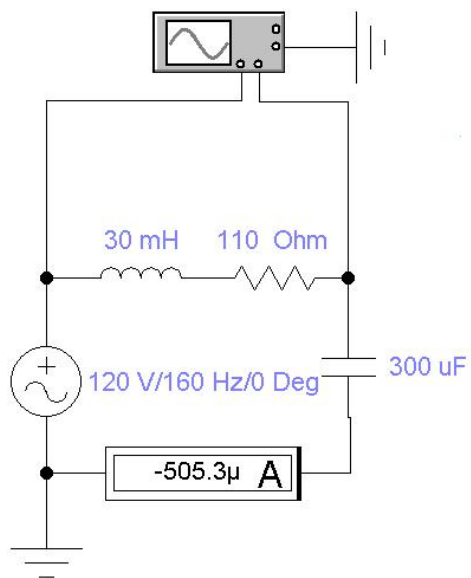


Схема 4:

