

## FILTRE 1 BPMQR (Passe-bande de Rauch (de type R), $Q < 10$ )

$f_p = 999.999999999999$  hertz

$Q_p = 7.49999999999995$

$R_{11} = 306.1917338987497$  ohm

$R_{12} = 9.366641951808234$  ohm

$R_4 = 278.7036099758437$  ohm

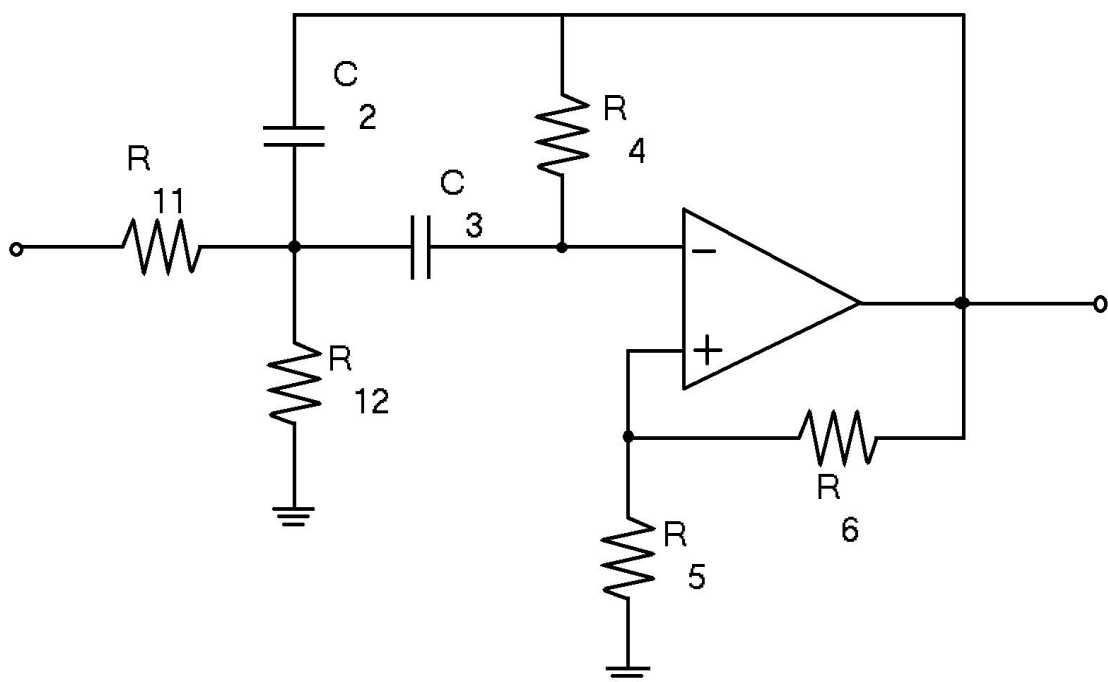
$R_5 = 282.572935741644$  ohm

$C_2 = 1e-05$  Farad

$C_3 = 1e-06$  Farad

$P = 30.66513809698917$

$GSP = 21.60468151739176$



## FILTRE 2 BPMQC (Passe-bande de Rauch (de type C), $Q < 10$ )

$f_p = 999.999999999999$  hertz

$Q_p = 7.5$

$R_2 = 24.10385280592122$  ohm

$R_3 = 9553.469282403736$  ohm

$R_5 = 281.1888164763073$  ohm

$C_{11} = 1e-05$  Farad

$C_{12} = 1e-06$  Farad

$C_4 = 1e-08$  Farad

$R_6$  (Optionnel) =  $1000.0$  ohm

$P = 396.34615093803103$

$GSP = 20.50909805994822$

