
```

Input    = struct( 'I_k',    [0 1 10 100 1000 10000], 'N_k',    [100 100
    100 100 100], ...
    'I_phi', [-pi pi],    'N_phi',  50 );

[X , hw]  = Exzitonenanregung(Input, 'Spektrum',  'Coulomb', -700:50) ;
[EW, ~ ]  = Exzitonenanregung(Input, 'Eigenwerte', 'Coulomb', -700:50) ;

plot(hw, X/max(X), 'r', ...
    'linewidth',    2.5); hold on

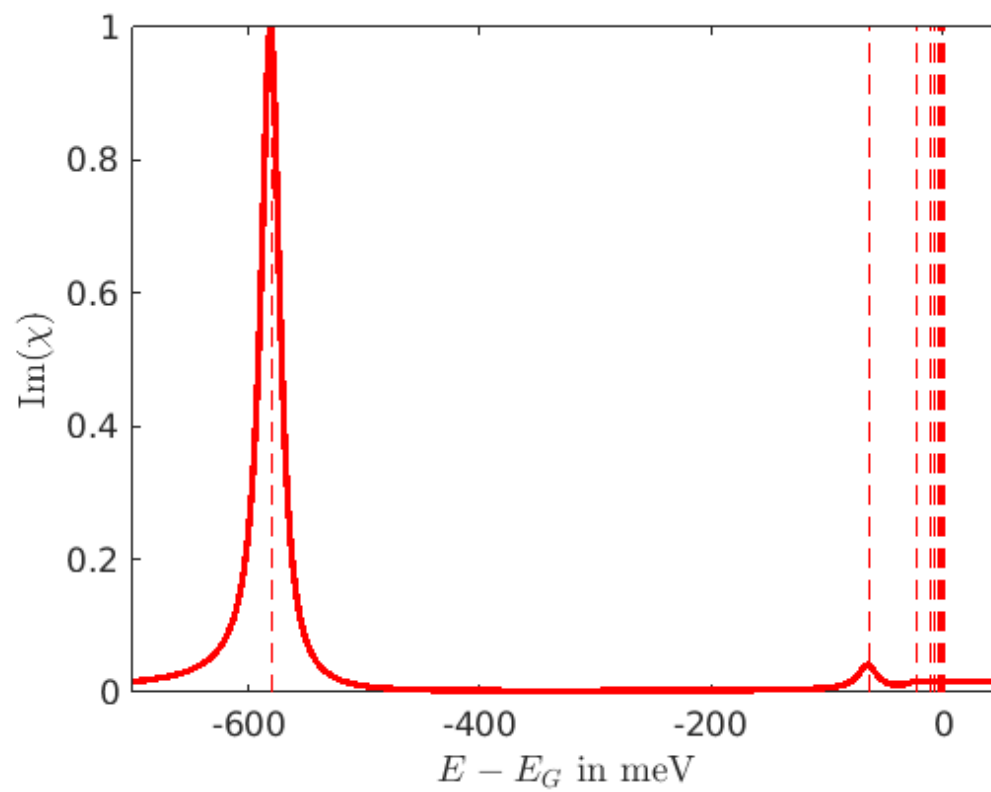
stem(EW(EW<0), ones(1, length(EW(EW<0))), 'r--', ...
    'markeredgecolor', 'none', ...
    'linewidth',    1.3)

xlim([min(hw) max(hw)]);    xlabel('$E-E_G$ in
    meV', 'interpreter','latex');
ylim([0 1]);                ylabel('Im$(\chi)$'
    , 'interpreter','latex')
set(gca, 'fontsize', 13)
%set(gcf, 'units',    'centimeters', 'position', [0 0 13 5])

Spektrum
Eigenwerte
-580.7097

Warning: Imaginary parts of complex X and/or Y arguments ignored

```



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