NMRsim

Visualising 1D acquisition and processing

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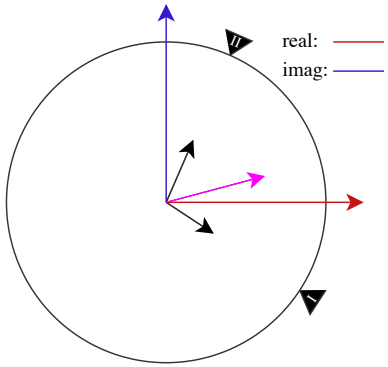
Spins

Spin I:

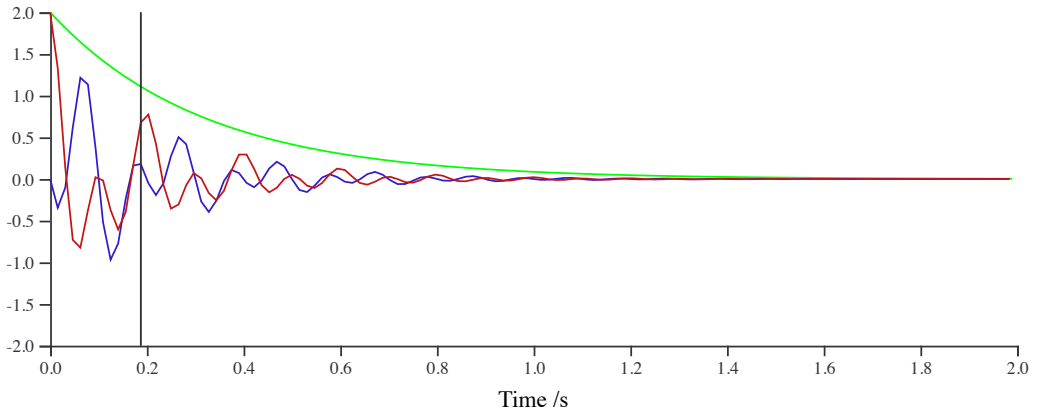
I	1	
ν	5	Hz
Φ	0	°
T2	0.5	s

Spin II:

I	1	
ν	-10	Hz
Φ	0	°
T2	1	s



Time domain



Acquisition parameters

Number points	128	
Acquisition time	2	s
Spectral width	64	Hz
Dwell time	0.01562	s
Carrier freq.	0	Hz
Noise	0.0	σ
Quadrature	☑	

Processing parameters

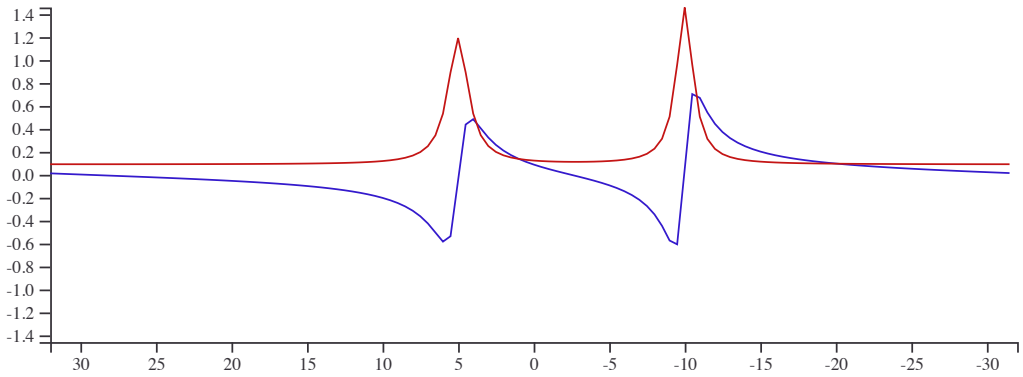
Zero fill	0	
Ph. corr. 0	0	°
Ph. corr. 1	0	°

Window: Exponential

$$y(t) = e^{-a\pi t}$$

a: 1

Frequency domain



Parameter slider

-50 50

Plot | Set URL with current params