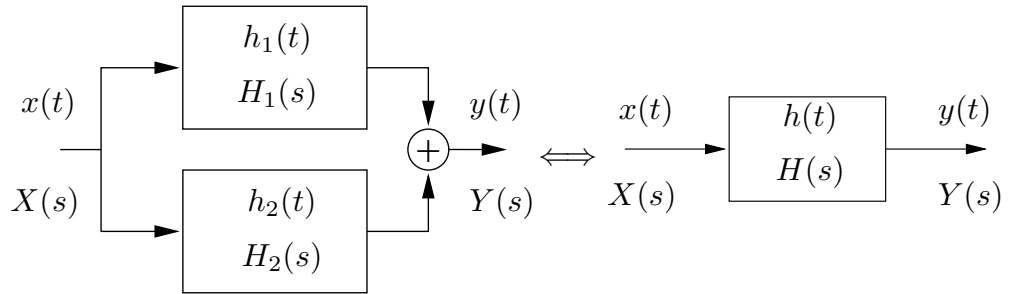
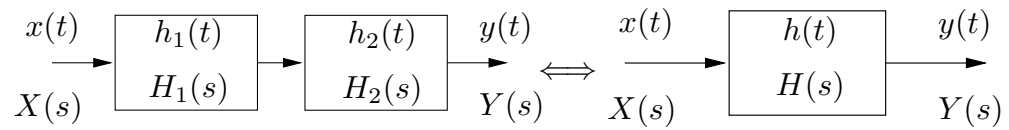


SAMMANSATTA SYSTEM

Parallellkoppling: $h(t) = h_1(t) + h_2(t)$, $H(s) = H_1(s) + H_2(s)$

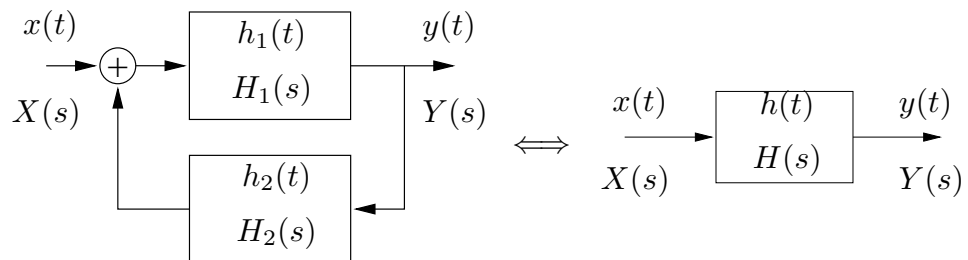


Seriekoppling: $h(t) = h_1(t) * h_2(t)$, $H(s) = H_1(s)H_2(s)$



ÅTERKOPPLAT SYSTEM

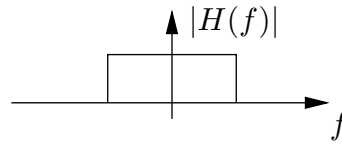
Återkoppling: $H(s) = \frac{H_1(s)}{1 - H_1(s)H_2(s)}$



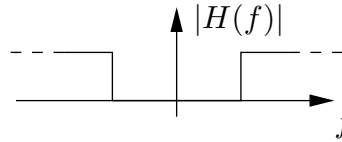
IDEALA FILTERTYPER



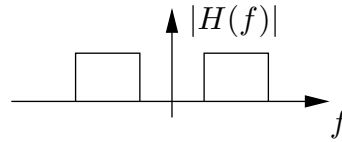
Idealt lågpass (LP)



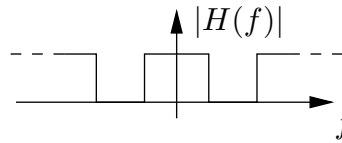
Idealt högpass (HP)



Idealt bandpass



Idealt bandspärr



DUBBELSIDIG LAPLACE FÖR KRETSANALYS



		Laplace-ekvivalent
Motstånd		
Kondensator		
Spole		

ENKELSIDIG LAPLACE FÖR KRETSANALYS



		Laplace-ekvivalent
Motstånd		
Kondensator		
Spole		

FOURIERTRANSFORM FÖR KRETSANALYS

"KOMPLEXA METODEN" ("jω-METODEN")



		Fourier-ekvivalent
Motstånd		
Kondensator		
Spole		