System Identification Results With Delay

50 chirp (0.1 t)	$\exp(-0.5*s) * \dfrac{0.9426\ s + 0.1035}{s + 0.1198}$	$\exp(-0.5*s) * \dfrac{4.598\ s + 0.6761}{s^2 + 4.946\ s + 0.7852}$
50 chirp (0.2 t)	$\exp(-0.5*s) * \dfrac{0.8441\ s + 0.008924}{s + 0.009628}$	$\exp(-0.5*s) * \dfrac{5.878\ s + 0.001143}{s^2 + 6.997\ s + 4.625e{-}05}$
50 chirp (0.5 t)	$\exp(-0.5*s) * \dfrac{0.5566\ s + 0.01432}{s + 0.01551}$	$\exp(-0.5*s) * \dfrac{-0.1977\ s + 0.002736}{s^2 + 0.237\ s + 0.003351}$
50 chirp (0.07 t)	$\exp(-0.5*s) * \dfrac{1.015\ s + 0.02204}{s + 0.02555}$	$\exp(-0.5*s) * \dfrac{4.32\ s + 0.1834}{s^2 + 4.515\ s + 0.2125}$
50 chirp (0.7 t)	$\exp(-0.5*s) * \dfrac{0.8318\ s + 0.04491}{s + 0.04518}$	$\exp(-0.5*s) * \dfrac{-0.1574\ s + 0.0007554}{s^2 + 0.1259\ s + 0.0007395}$
50 sin (0.2 t)	$\exp(-0.5*s) * \dfrac{0.9699\ s + 0.003318}{s + 4.919e{-}12}$	$\exp(-0.5*s) * \dfrac{1.148\ s - 0.001495}{s^2 + 1.177\ s + 3.48e{-}05}$
50 sin (0.4 t)	$\exp(-0.5*s) * \dfrac{0.9654\ s + 0.00201}{s + 5.721e{-}11}$	$\exp(-0.5*s) * \dfrac{4.319\ s + 0.1697}{s^2 + 4.504\ s + 0.1749}$
50 sin (0.8 t)	$\exp(-0.5*s) * \dfrac{2.808\ s + 78.19}{s + 80.52}$	$\exp(-0.5*s) * \dfrac{0.8764\ s + 0.04916}{s^2 + 0.8875\ s + 0.1698}$
50 sin (1 t)	$\exp(-0.5*s) * \dfrac{2.446\ s + 75.46}{s + 76.48}$	$\exp(-0.5*s) * \dfrac{1.351\ s + 0.07901}{s^2 + 1.336\ s + 0.2875}$
Merge of all chirps	$\exp(-0.5*s) * \dfrac{0.9736\ s + 0.1588}{s + 0.1744}$	$\exp(-0.5*s) * \dfrac{6.154\ s + 0.3165}{s^2 + 6.64\ s + 0.3477}$
Merge of all Chirps	$\exp(-0.5*s) * \dfrac{0.9299\ s + 0.111}{s + 0.1247}$	$\exp(-0.5*s) * \dfrac{16.59\ s + 0.3148}{s^2 + 23.1\ s + 0.344}$
Merge of all Sins	$\exp(-0.5*s) * \dfrac{0.9764\ s + 0.002221}{s + 1.026e{-}12}$	$\exp(-0.5*s) * \dfrac{49.89\ s + 0.06596}{s^2 + 51.28\ s + 0.0169}$