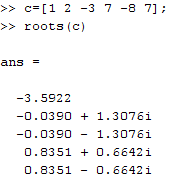
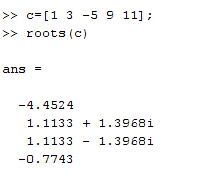
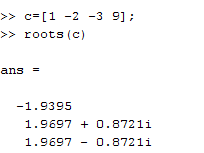
Roots of a polynomial



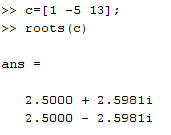
**2.**



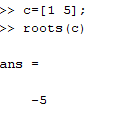
**3.+9=0**

****

**4.**

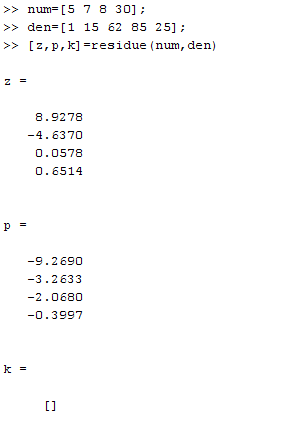
****

**5. x+5=0**

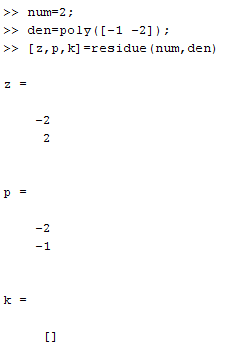
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Partial Fraction Expansion

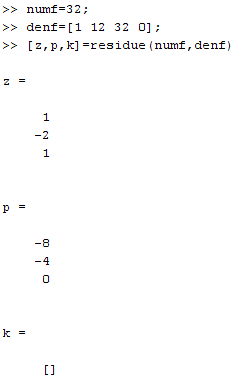
1. F(s)=



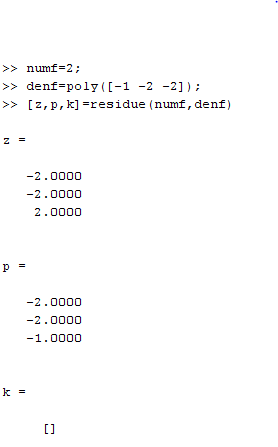
1. F(s)=

****

1. **F(s)=**

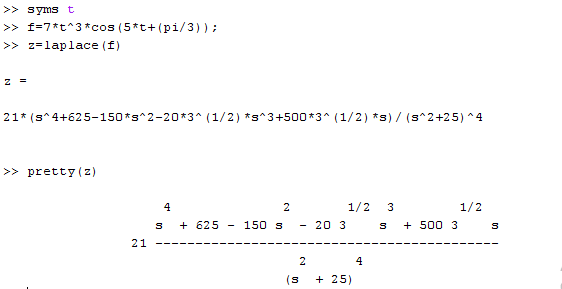
****

1. **F(s)=**

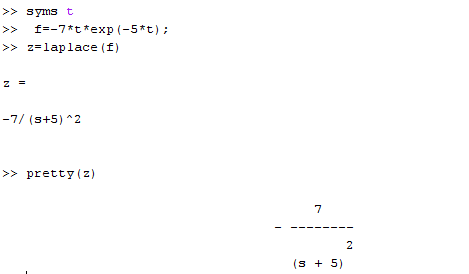
****

Laplace Transform

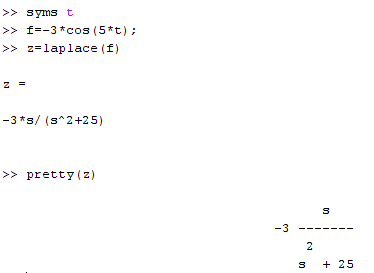
1. F(t)=)



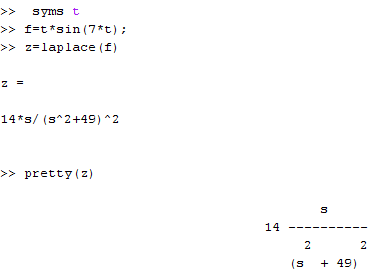
1. F(t)=-7t



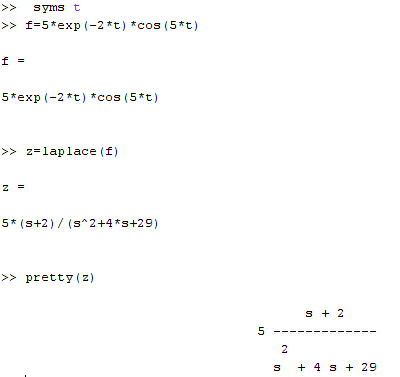
1. F(t)=-3cos5t



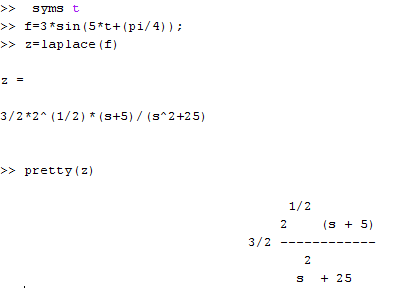
1. F(t)=tsin7t



1. F(t)=5

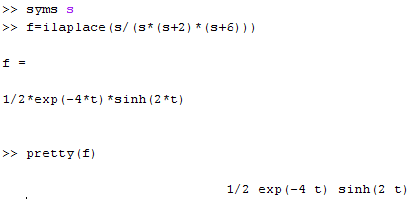


1. F(t)=3sin(5t+)

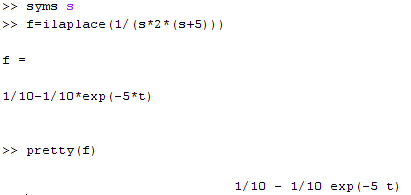


Determine Inverse Laplace

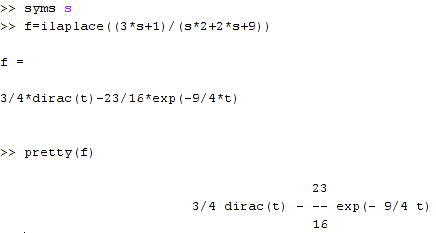
1. F(s)=



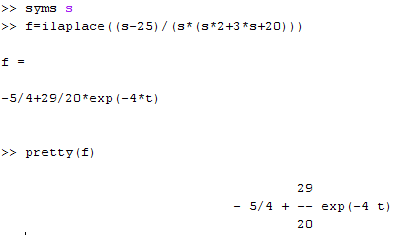
1. F(s)=



1. F(s)=



1. F(s)=

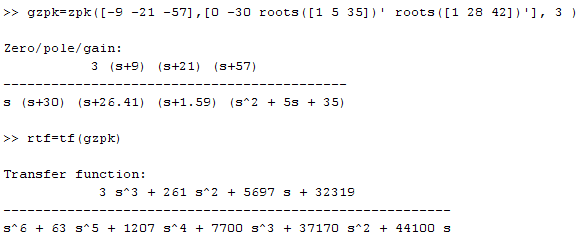


Generate the transfer function using MATLAB

1. G(s)=

Using

1. the ratio of factors
2. the ratio of polynomials



1. G(s)=

Using

1. the ratio of factors
2. the ratio of polynomials

