Practice Problems

1.

f(2)=3 , f(4)=5, f(5)=8

Prepare an overdetermined system and then solve using

1. Least Square Method
2. QR Decomposition

2.

f(18)=22 , f(19)=35, f(20)=60

Prepare an overdetermined system and then solve using

1. Least Square Method
2. QR Decomposition

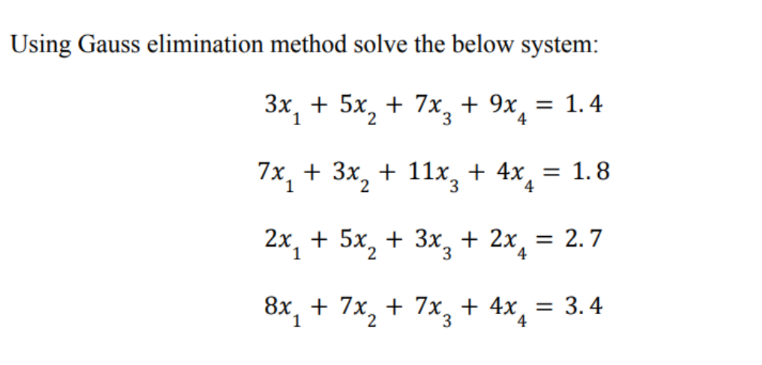
3.

f(18)=22 , f(19)=35, f(20)=60, f(25)=80

Prepare an overdetermined system using quadratic Polynomial and then solve using

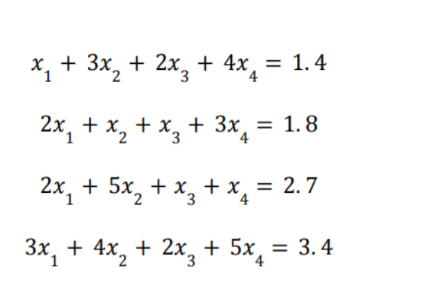
1. Least Square Method
2. QR Decomposition

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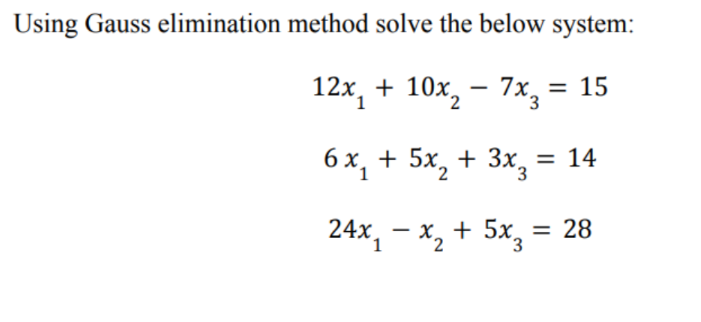
Solve using LU Decomposition as well

5 



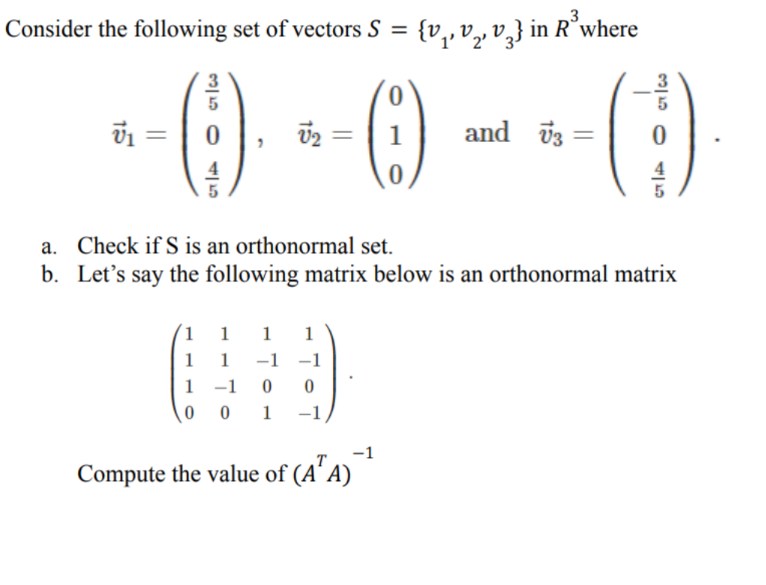
Solve using LU Decomposition as well

6

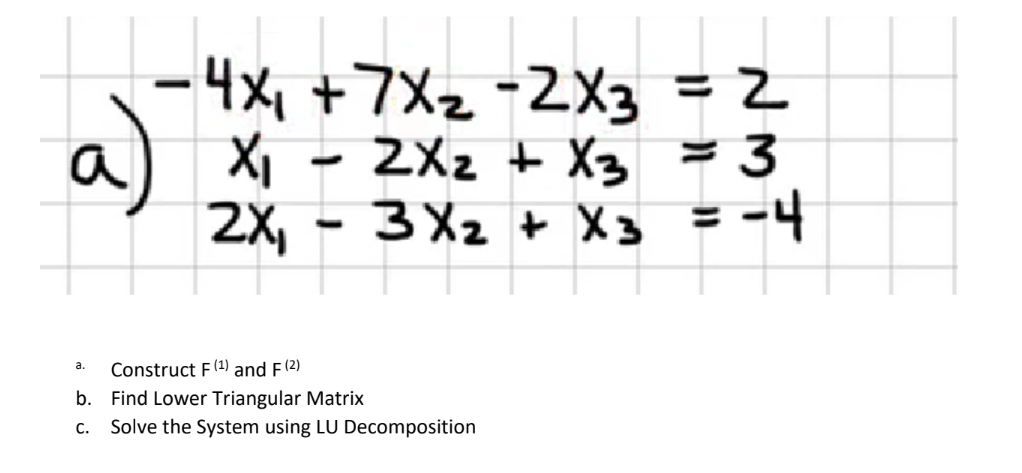


Solve using LU Decomposition as well

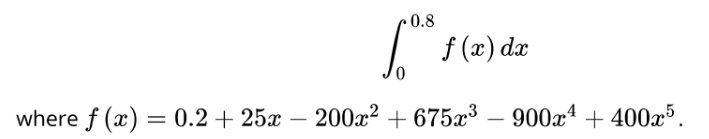
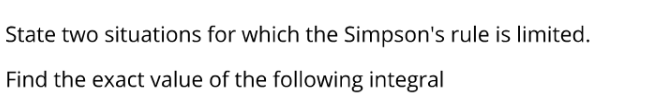
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8



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