Problem Set 9 \_ Kaiyue Wu

1.

a) The MBS price is 100418.3649

b)

Table

Description automatically generatedChart, line chart

Description automatically generated

c)

Table

Description automatically generatedChart, line chart

Description automatically generated

2. The Option-Adjusted-Spread (OAS) if the Market Price of MBS is $102,000 is -0.0176040178901824

3.

The OAS-duration is : 6.84137682620905

The OAS-convexity is : 42.3203787769821

4.

Table

Description automatically generatedChart, line chart

Description automatically generated