ANUSHA FATIMA ALAM (Student * 1009056539) Tutorial Assignment *4 - Wednesday 2nd October 2024

The current market index price is \$110. In the next time period, the market can either go up to \$130, with a probability of 65%, or down to \$90. The risk-free rate is 1.5% per time period. You have an opportunity to buy a cash flow scenario where if the market goes up, you will receive \$110.00 and if the market goes down, you will receive \$85. Determine a fair market price for this scenario. What is the beta for this scenario?