Valuation of Inflation-Adjusted Floating Range Notes

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A B S T R A C T

Jarrow and Yildirim’s (2003) model is adopted to derive pricing formulas for inflation-adjusted floating range notes. An inflation-adjusted floating range note has a similar structure of periodic interest payments as a regular floating range note, except that the principal would be adjusted with the change of an inflation index. This financial instrument provides investors with interest rate payments without inflation risks, maintaining the purchasing power of investment values when inflation is on the rise in the foreseeable future.

Keywords: Jarrow and Yildirim Model, Inflation-Linked Derivatives, Floating Range Notes

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