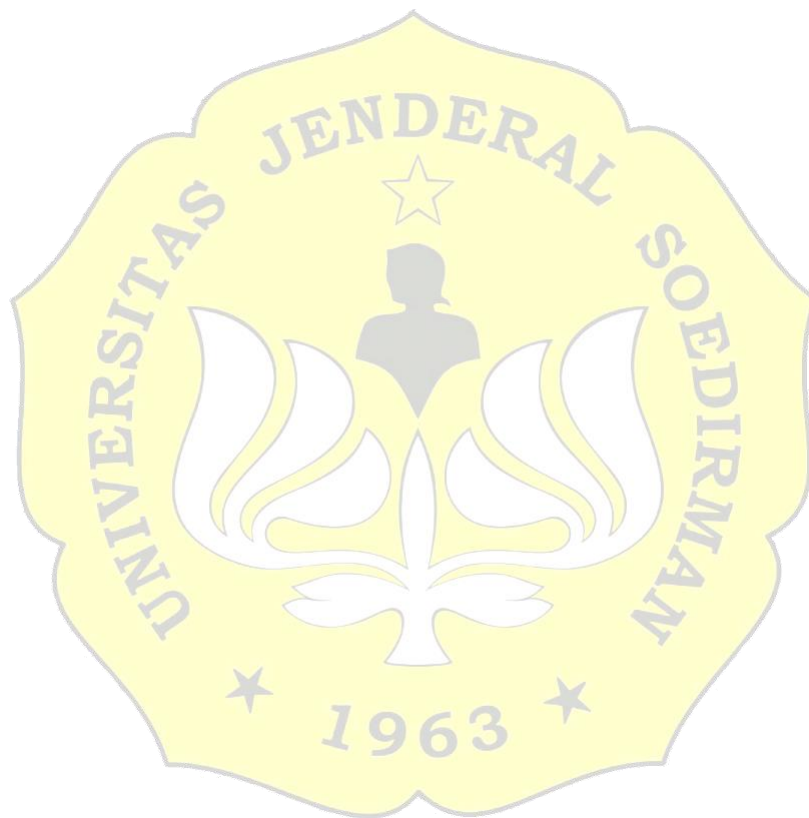


## ABSTRAK

Skripsi ini membahas tentang representasi matriks dan formula eksplisit generalisasi barisan Fibonacci. Representasi matriks generalisasi barisan Fibonacci dan formula eksplisitnya diperoleh dengan menggunakan beberapa konsep dalam matriks seperti diagonalisasi dan masalah nilai eigen.

**Kata kunci:** barisan Fibonacci, formula eksplisit, generalisasi, matriks.



## **ABSTRACT**

*This paper discusses a matrices representation and an explicit formula for generalized Fibonacci sequences. The matrices representation and explicit formula for the generalized Fibonacci sequences are obtained using some notions in matrices such as diagonalization and eigen value problem.*

**Keywords:** *explicit formula, fibonacci sequences, generalization, matrices.*

