

## **ABSTRACT**

Music is a composition of sound that has rhythm and harmony. Music is hard to separate from human life. Now music is a part of human lifestyle and able to represent feelings, condition, and mood of person or entity. Music development also affected by technologies and now there is many new music genre that enjoyed by many person. Nowadays musicians have unlimited access for express their creativity with the help from technology which is precise and easy for processing in post-production.

Fractal is a geometric object that created from many iterations until receive complex pattern. The principle of fractal itself comes from something so simple then repeated until created complex and detailed pattern. The most common appliances of fractal is visualization shape of nature. And also fractal itself able to applied into music by creating algorithm that able generate music which comes from fractal. Especially using L-system. The testing of this method will using several samples generated by the program then two type of respondent will listening to samples. Scoring each sample based on three criteria musicality, efficiency, and pattern of the keynotes. For the final score will be created based on the average score from each criteria. Thus, a conclusion for L-system as method for music generator able to be concluded.

Keywords : L-system, Music generator, MIDI