ABSTRACT

DEVELOPMENT OF TREE APPLICATION WITH ENCODING AND DECODING USING THE DANDELION CODE

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In this research, we develop The Application of Encoding and Decoding Tree Using The Dandelion Code. It aims to obtain Dandelion code of a tree using encoding and decoding. The encoding processes generates code from a tree, and decoding processes a code back into a tree. This application is developed to produce the best tree representation. Additionally, in this research we give an example of problem that can use Dandelion Code for solving the lowest cost for electricity installation.

Keywords : Application, Encoding, Decoding, Tree, Tree Representation, Dandelion Code.