ABSTRAC

Koki goldfish is a fish that is very popular with ornamental fish lovers, because it has an attractive color and body shape, Koki goldfish has many variations, such as Fantail, Rancu and Oranda variants. From the many variants it is very difficult to distinguish. To distinguish variants of goldfish, chefs usually need carefulness in their observations. So we need a method or tool to detect goldfish Koki, in this case the researcher uses the Gabor fiter method and the Probability Neural Network (PNN) to identify an object of the Koki carp, the Gabir filter method and the Probability Neural Network (PNN) is a technique similar to the human visual system because this filter is able to approximate some of the characteristics of certain cells in the visual cortex of some mammals. Based on the results of research and discussion,

Keywords: goldfish Koki, filter gabor, PNN