

phase and magnitude parameters where tempeh would be measured by the size of the texture and density. Wavelet extraction uses vertical and horizontal line parameters of the image. Then the data from feature extraction will then be trained and tested with a decision tree identification system that produces some of the highest percentage values of Gabor filter feature extraction, namely an accuracy of 71%, with a split ratio of 10;90. the highest percentage value of GLCM feature extraction is 86% accuracy with a split ratio of 90;10 and the lowest percentage value and 60% percentage value with a split ratio of 10;90, while the wavelet feature extraction has the highest percentage value of 77% accuracy with a split ratio of 90;10 and the lowest percentage value is 57% of the split ratio of 10;90 . It can be concluded that from the three feature extractions, GLCM is a feature extraction that shows the highest percentage value between Gabor and Wavelet feature extraction at a split ratio of 10:90 by 86%.

ACKNOWLEDGMENT

We are grateful to the Ministry of Cultural Education, Research, and Technology of the Republic of Indonesia for the 2021 Scientific Research Program grant.

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