

Editorial

We bring the first issue of the fifteenth volume of the **Journal of Multimedia Processing and Technologies** with the below research.

In the first paper on “**An efficient adaptive local binarization algorithm for extracting text from an image with a complex background**”, the authors discussed the adaptive local threshold algorithm. They made the calculation independent of the operator window size. It used the Wiener filter prior to processing, the integral images, and local threshold calculation.

In the second paper, “**Most commonly used directional transforms in image coding**,” the authors reviewed some of the most commonly used directional transforms in terms of their use in image coding. Then they compared DDCTs, DWHTs, DDWTs and others to each other based on image quality and execution time as well as memory efficiency when used for image compression. The authors found the transforms are even more efficient.

In the last paper, “**Optimization of Emergency Logistics Delivery Path Based on Guided Local Search Algorithm**”, the authors applied K-means clustering analysis to convert multiple distribution centers into multiple single distribution center problems. This study not only confirmed the contemporary value of emergency logistics distribution problems but also offered practical insights into optimizing emergency logistics distribution paths in multiple distribution centres.

We will bring more research into the forthcoming issues.

Editors