

## Erratum to “Optimizing Template for Lookup-Table Inverse Halftoning using Elitist Genetic Algorithm”

Zhi-Qiang Wen, Yong-Le Lu, Zhi-Gao Zeng, Wen-Qiu Zhu, and Jun-Hua Ai

In [1], the top plots in Fig. 5 and Fig. 6 were erroneously labeled as “EM”. In fact, those curves are actually the result of EGA with iterations 250, 500, 1000, 1500, 2000, 2500, 3000, 4000, 5000 respectively when  $L = 5, \dots, 13$ . So “EM” of Fig. 5 and Fig. 6 should have been labeled “EGA5”. The corrected figures are shown here.

Manuscript received September 29, 2014. Date of current version October 15, 2014. This work was supported in part by National Natural Science Foundation of China under Grants 61170102, 61350011, and 11301170, the Natural Science Fund of Hunan province in China under Grants 14JJ2115 and 12JJ2036, and by the Education Department Fund of Hunan Province under Grant 12A039. The associate editor coordinating the review of this manuscript and approving it for publication was Prof. Xiao-Ping Zhang.

The authors are with the School of Computer and Communication, Hunan University of Technology, Hunan Zhuzhou, 412007, China (e-mail: zhqwen20001@163.com; luyongle520@163.com; zzgzzg99@163.com; wenqiu\_zhu@126.com; aijunhua666888@sina.com).

Digital Object Identifier 10.1109/LSP.2014.2360978

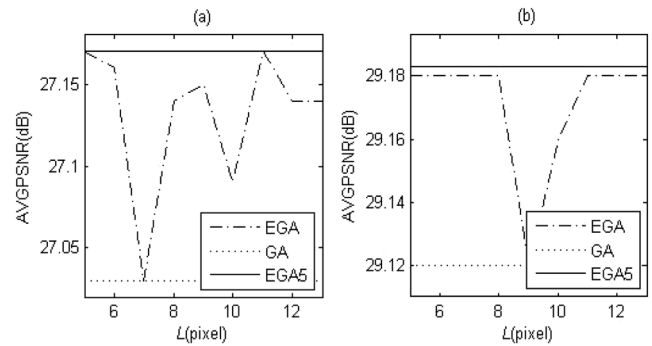


Fig. 5. The curve of AVGPSNR with different values of  $L$  on dot diffusion halftone images. (a)  $K = 16$ , (b)  $K = 19$ .

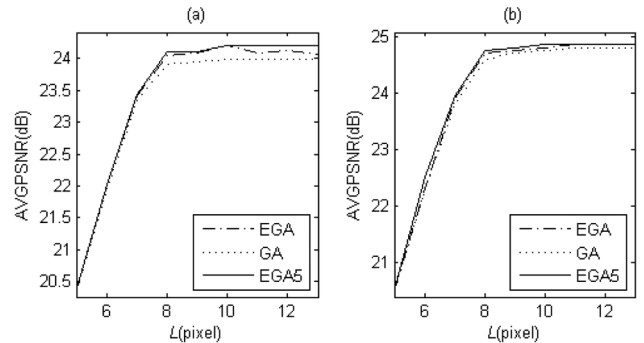


Fig. 6. The curve of AVGPSNR with different values of  $L$  on cluster halftone images. (a)  $K = 16$ , (b)  $K = 19$ .

## REFERENCES

- [1] Z.-Q. Wen, Y.-L. Lu, Z.-G. Zeng, W.-Q. Zhu, and J.-H. Ai, “Optimizing template for lookup-table inverse halftoning using elitist genetic algorithm,” *IEEE Signal Process. Lett.*, vol. 22, no. 1, pp. 71–75.