



CORRECTION

Correction: An Effective Diagnosis System for Brain Tumor Detection and Classification

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In the article “An Effective Diagnosis System for Brain Tumor Detection and Classification” by Ahmed A. Alsheikhy, Ahmad S. Azzahrani, A. Khuzaim Alzahrani and Tawfeeq Shawly (*Computer Systems Science and Engineering*, 2023, Vol. 46, No. 2, pp. 2021–2037. DOI: 10.32604/csse.2023.036107), there are unclear statements.

In our article, the authors used a tool (DWT) in the image-processing stage on the utilized dataset. The tool (DWT) is able to divide available information of an image into two discrete components through two filters to extract the approximate coefficients and details coefficients for each color in an input. This tool (DWT) is used for compression and denoising purposes.

The authors wish to apologize for any inconvenience caused due to the fact that there are unclear statements about DWT that may have an impact on the reader's understanding on page 2023, in the second paragraph on line 16:

“Generally, brain tumors are diagnosed and identified using X-ray, CT scan, MRI, or Biopsy [21,22].”

Correction:

“DWT is used to diagnose and identify brain tumors by X-rays, CT scans, magnetic resonance imaging, or biopsies [21,22]. DWT is able to divide available information of an image into two discrete components through two filters to extract the approximate coefficients and details coefficients for each color in an input. DWT is used for compression and denoising purposes.”

