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International Conference on Access to Recent  
Advances in Engineering and Digitalization  
27 - 28 May 2024, Türkiye

# *Certificate of Participation*

This is to certify that  
***Gulyurt, Can***

has participated in the 4th International Conference on Access to Recent Advances in  
Engineering and Digitalization

**Paper Title** Estimating One-Dimensional Barcode Image Orientation by Using 2D Fourier  
Transform: A CPU-Based Approach

**Paper Authors** Gulyurt, Can; Kaya, Sümer Erkan

**Presentation Type** Oral

**Certificate Verification Code**  
984955310

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*Assoc. Prof. Dr. Zeki Oralhan*  
*Conference Chair*