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(국문/영문)강연제목: MATLAB 을 이용한 graphical user interface 제작하기 /
How to interact with MATLAB through graphical user interface

Abstract(영문):

Graphical user interface (GUI) is an interface that allows users to interact with software applications through simple graphical icons, without the needs to learn a detailed programming language and write or modify a programming script to run the applications. MATLAB also provides functionality for simply building and designing a GUI for the desired application. In this tutorial, we will look at how to get started with MATLAB GUIDE to construct your own GUI application. A simple example for digital image processing will help the understanding and implementation for MATLAB GUIDE.

Brief Biosketch (간단한 이력, 연구/대외활동 소개,국문/영문)

Dr. Hyeong Soo Nam is currently a research professor on the Department of Mechanical Engineering in Korea Advanced Institute of Science and Technology (KAIST) since 2022. He received his B.S., M.S., and Ph.D. degrees from the Department of Biomedical Engineering at Hanyang University in 2014, 2016, and 2019, respectively. Since he moved to KAIST for his postdoctoral training, his research interests have focused on in vivo atherosclerosis imaging using intravascular multimodality optical coherence tomography and development of a diagnostic method for characterization of atherosclerotic plaques using machine learning and deep learning techniques.