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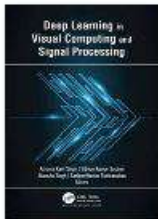
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# **Real Time Operating Systems**

**(Concepts & Design)**



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Chapter

## TensorFlow: Machine Learning Using Heterogeneous Edge on Distributed Systems

By R. Ganesh Babu, A. Nedumaran, G. Manikandan, R. Selvameena

Book: [Deep Learning in Visual Computing and Signal Processing](#)

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### ABSTRACT

TensorFlow is an edge for imparting AI estimations, and a utilization for the stage counts this way. An estimation imparted utilizing TensorFlow should be possible with for all intents and purposes zero changes in a wide scope of heterogeneous systems, going from Personal Digital Assistants, for instance, phones and tablets, to monstrous scope proper structures of numerous PCs and countless computational devices, for instance, GPU. The system is versatile and be able to be utilized to impart a large scope of figuring, counting the planning and inference of computations for profound neural system representation, and has been utilized to manage the investigation with sending of AI structures to in excess of 12 programming designing zones and various fields including talk acknowledgment. It is sight of PCs, electronic innovation, information recuperation, regular language dealing with and recovery of spatial information, and revelation of gadget prescription.

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