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Dr. Su-in Yi is an Assistant Professor in the Department of Electrical and Computer Engineering at Texas A&M University. He received a Ph.D. degree in the Department of Mechanical Engineering from Texas A&M University in 2017 and an M.S. degree in the Energy Science from Korea Advanced Institute of Science and Technology (KAIST) in 2012. He was a Postdoctoral Fellow in Hewlett Packard Enterprise Center for Computer Architecture Research at Texas A&M University directed by Dr. R Stanley Williams. Prior to joining the faculty of Texas A&M University, he was working as a Staff Engineer in Flash TCAD/TD/PA teams in the Semiconductor Research and Development Center, Samsung Electronics, South Korea, for over 4 years. And he has one year of experience in the inverter design for Electrical Vehicle (EV) traction motors as a Research Engineer at the Hyundai Motor Company group. His research interests are neuromorphic device compact modeling, including charge trap flash memories and thermoelectric devices.