

Staff Bio

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Dr. Turker received BS, MS, and PhD degrees in Electrical Engineering in 2002, 2005, and 2010 from Yildiz Technical University in Istanbul, Turkey. He served in academia in different positions since 2002 and gained comprehensive teaching and research & development experience. He supervised many BS, MS and PhD students in their graduation projects and dissertations. Dr. Turker completed granted academic projects as a principal investigator and supporting researcher in various areas such as hybrid control systems, stabilization of unmanned aerial vehicles, controller design for permanent magnet motor drives, and development of a left ventricular assist device. He also worked as a consultant in different industrial projects in the field of electromechanical system design, controller design for robotic systems, and control of electric machines. He published various papers in reputable journals and participated in numerous well-known international conferences to present the outcome of his research. His main research areas include nonlinear systems, applied nonlinear and adaptive control, stabilization of UAVs, controller design for electromechanical systems, and control of power electronic drives and circuits