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| **زمینه­های تخصصی**  **و حرفه­ای** |  |

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| **سوابق کاري و فعالیت های اجرایی** |  |
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| **فعالیت های علمی** | * مقالات   **- A C-Core Connected Two-Phase Switched Reluctance Motor With Embedded Permanent Magnets for Developed Torque Enhancement. Davarpanah Gholamreza, Faiz Jawad, Shirzad Hossein (2024)., IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, 71(3), 2332-2342.  - Detecting loss of excitation condition of synchronous generator in the presence of unified power flow controller based on data mining method. Rahmkhoda Ehsan, Faiz Jawad, Abedini Moein (2024)., ELECTRIC POWER SYSTEMS RESEARCH, 228(109975), 109975.  - Performance Enhancement of Flux Switching Motor for Electric Vehicle Applications: An Overview. Faiz Jawad, Maktobian Majid (2024)., IET Electrical Systems in Transportation, 2024(9071667), 1-22.  - Design of an L-Shaped Array Vernier Permanent Magnet Machine for Unmanned Aerial Vehicle Propulsion Using a Schwarz–Christoffel Mapping-Based Equivalent Magnetic Network Model. 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| **پایان نامه ها و رساله ها** | **- تشخیص خطای ژنراتور سنکرون مغناطیس دائم با استفاده ازمدل مدار معادل مغناطیسی با کوپل بی واسطه، ذبیح اله تبارنیارمی، جواد فیض، کارشناسی ارشد، 1402/8/28   - تشخیص خطای بلبرینگ در ماشین سنکرون آهنربای دائم بر اساس یادگیری عمیق، محمدمهدی منتصری، جواد فیض، کارشناسی ارشد، 1402/6/27   - کنترل بدون حسگر سرعت موتور سنکرون مغناطیس دائم با بهره‌گیری از روش‌های رویتگر شار مرتبه کامل و کاهش یافته حالت، کیهان گودرزیان، جواد فیض، کارشناسی ارشد، 1402/2/31   - مدل‌سازی جعبه خاکستری ترانسفورماتور قدرت با استفاده از الگوریتم‌های هوش مصنوعی، مهدی شمس الدینی لری، جواد فیض، کارشناسی ارشد، 1401/6/23   - طراحی ، بهینه سازی ، شبیه سازی و ساخت یک نمونه ژنراتور ورنیه خطی آهنربای دائم برای استفاده در تبدیل انرژی امواج دریا، سهراب امینی ولاشانی، جواد فیض، دکتری، 1401/5/25   - تحلیل حرارتی ژنراتور سنکرون سالم و خطادار، سعید صدیق، جواد فیض، کارشناسی ارشد، 1400/7/20   - ردیابی نقطه بیشینه توان ژنراتور سنکرون مغناطیس دائم بادی بر مبنای روش کنترل هوشمند، محمدحسین آریان برنا، جواد فیض، کارشناسی ارشد، 1400/7/10   - 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