



## دکتر حمید خوشخو

دانشیار

دانشکده: مهندسی برق و کامپیوتر



### سوابق تحصیلی

دانشگاه	رشته و گرایش تحصیلی	سال اخذ مدرک	مقطع تحصیلی
دانشگاه زنجان	مهندسی برق قدرت	۱۳۸۴	کارشناسی
دانشگاه صنعتی امیرکبیر تهران	مهندسی برق قدرت	۱۳۸۶	کارشناسی ارشد
دانشگاه علم و صنعت ایران	مهندسی برق قدرت	۱۳۹۳	دکترای تخصصی

### اطلاعات استخدامی

پایه	نوع همکاری	نوع استخدام	عنوان سمت	محل خدمت
۱۰	رسمی آزمایشی	تمام وقت	عضو هیات علمی	دانشگاه صنعتی سهند (۱۳۹۳ تا کنون)

### مقالات در همایش ها

- Pouria Akbarzadeh Aghdam ,& Hamid Khoshkhoo , "A Novel Method to Estimate Thevenin .1 Equivalent Circuit Using Local Measurements" ,32nd International Conference on Electrical Engineering (ICEE) ,2024
- Hadi Abbaspour , Siavash Yari , Hamid Khoshkhoo , Innocent Kamwa , "Improving Transient .2 Stability in Power Systems through Integration of Large-Scale Photovoltaic Power Plants" ,9th International Conference on Technology and Energy Management (ICTEM) ,2024
- H. Abbaspour, S. Yari, E. Asadi, H. Khoshkhoo, S. M. Ale Emran , "Determining Energy Storage .3 Systems Capacity for Preventing Cascading Outages During Primary Control: A Dynamic Study" ,13th Smart Grid Conference (SGC) ,2023
- Siavash Yari, H. Khoshkhoo, Kumars Rouzbehi , S. M. Ale Emran , "Preventing Frequency .4 Instability Using Large-Scale Photovoltaic Resources" ,8th International Conference on Technology and Energy Management (ICTEM) ,2023
- Siavash Yari, Hamid Khoshkhoo, Nasser Hosseinzadeh , "A Decentralized Remedial Action .5 Scheme to Prevent Long-Term Voltage Instability Against N-1 and N-2 Contingencies" ,IEEE PES .14th Asia-Pacific Power and Energy Engineering Conference (APPEEC) ,2022
- Reza Ranji Bourachalou, Hamid Khoshkhoo, Siavash Yari , "A new control method to prevent .6

frequency instability using large-scale solar sources" (in Persian) ,8th Iranian Conference on Renewable Energy and Distributed Generation (ICREDG) ,2021  
Siavash Yari, Hamid Khoshkhoo , "A New Approach to Determine Maximum Allowable .7 Penetration Level of LSPVPPs Considering Transient Angle Stability" ,29th Iranian Conference on Electrical Engineering (ICEE) ,2021  
E. Asadi, H. Khoshkhoo, A. Parizad , "A Novel Generation Shedding Procedure for Power .8 Management System in Industrial Power Plants" ,29th Iranian Conference on Electrical Engineering (ICEE) ,2021  
M. Shahriyari, H. Khoshkhoo, A. Pouryekta, V.K. Ramachandaramurthy , "Fast Prediction of .9 Angle Stability Using Support Vector Machine and Fault Duration Data" ,IEEE International Conference on Automatic Control and Intelligent Systems ,2019  
Siavash Yari, Hamid Khoshkhoo , "An Effective Corrective Remedial Action Algorithm to .10 Prevent Voltage Instability" ,Conference on Knowledge Based Engineering and Innovation ,2019  
S. Yari, H. Khoshkhoo , "Assessment of line stability indices in detection of voltage stability .11 status" ,stability status", IEEE International Conference on Environment and Electrical Engineering .and 2017 IEEE Industrial and Commercial Power Systems Europe (EEEIC/I&CPS Europe) ,2017

### مقالات در نشریات

M. Shahriyari, H. Khoshkhoo."A Novel Approach for Fast Prediction of Transient Angle Stability .1 Status in Power Systems" (in Persian).Scientific Journal of Advanced Defense Science and Technology,٢٠٢٠  
H. Khoshkhoo, M. Khalilifar, S. M. Shahrtash,"Survey of Power System Restoration Documents .2 .Issued from 2016 to 2021",International Transactions on Electrical Energy Systems,2022  
M. Shahriyari, H. Khoshkhoo, Josep M. Guerrero,"A Novel Fast Transient Stability Assessment .3 .of Power Systems Using Fault-on Trajectory",IEEE Systems Journal,2022  
M. Shahriyari, H. Khoshkhoo,"A Deep Learning-Based Approach for Comprehensive Rotor .4 Angle Stability Assessment",Journal of Operation and Automation in Power Engineering,2022  
Pourya Akbarzadeh Aghdam, Hamid Khoshkhoo,"Prediction of Voltage Stability Status .5 Considering the Impact of the Protection System" (in Persian),Scientific Journal of Advanced Defense Science and Technology,2022  
S. Yari, M. Khaleghi, H. Khoshkhoo, M. Akhlaghi,"Improvement of Inter Area Oscillation .6 Damping Using Synchronverter Control Model for Solar Power Plants" (in Persian),Journal of Advanced Defense Science and Technology,2021  
Hamid Khoshkhoo, Siavash Yari, Aref Pouryekta, Vigna K. Ramachandaramurthy, Josep M. .7 Guerrero,"A Remedial Action Scheme to Prevent Mid/Long-Term Voltage Instabilities",IEEE Systems Journal,2020  
S. Yari, H. Khoshkhoo, S.M. Shahrtash,"Generation Equivalence Index (GEI) to assign low-order .8 models to synchronous generators in voltage security assessment based on dynamic simulation",International Journal of Electrical Power & Energy Systems,2020  
P.A. Aghdam, Hamid Khoshkhoo,"A Novel Voltage Stability Assessment Algorithm to Predict .9 Power System Loadability Margin",IET Generation, Transmission & Distribution,2020  
Siavash Yari, Hamid Khoshkhoo,"A comprehensive assessment to propose an improved line .10 stability index",International Transactions on Electrical Energy Systems,2019

### کتاب‌ها

۱. مبانی حفاظت سیستم‌های قدرت به همراه مدلسازی و مثالهای کاربردی در محیط نرم افزار پاورفکتوری