

باسمه تعالی

علی اکبر تدین تفت

استاد دانشکده مهندسی برق - دانشگاه یزد

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۱- تحصیلات :

- a. دیپلم : ریاضی- فیزیک مرکز آموزشی شهید صدوقی یزد (استعدادهای درخشان)
- b. کارشناسی : مهندسی برق - الکترونیک دانشگاه صنعتی شریف (مهر ۷۳-شهریور ۷۷) - معدل ۱۸/۲۳
- c. کارشناسی ارشد : مهندسی برق - مخابرات سیستم دانشگاه صنعتی شریف (مهر ۷۷- شهریور ۷۹) - معدل ۱۸/۳۳
- d. دکترا : مهندسی برق - مخابرات سیستم دانشگاه صنعتی شریف (مهر ۷۹-شهریور ۸۵) - معدل ۱۹/۳۶
- e. فرصت مطالعاتی در آزمایشگاه پردازش سیگنالهای چندبعدی - دانشکده برق دانشگاه کوپینز کانادا

۲- افتخارات :

- a. برگزیده استانی المپیادهای ریاضی، کامپیوتر و شیمی ۱۳۷۲ - ۱۳۷۳
- b. رتبه اول مسابقات علمی دانش آموزی کشوری - ۱۳۷۱
- c. رتبه نهم کنکور سراسری - رتبه اول منطقه ۲ - ۱۳۷۳
- d. رتبه سوم فارغ التحصیلان کارشناسی برق - الکترونیک در دانشگاه صنعتی شریف - ۱۳۷۷
- e. رتبه نهم کنکور کارشناسی ارشد مهندسی برق - ۱۳۷۷
- f. رتبه سوم فارغ التحصیلان کارشناسی ارشد برق - مخابرات دانشگاه صنعتی شریف - ۱۳۷۹
- g. رتبه چهارم آزمون ورودی دکترای مهندسی برق - دانشگاه صنعتی شریف - ۱۳۷۹
- h. رتبه اول فارغ التحصیلان دکتری مهندسی برق - مخابرات - دانشگاه صنعتی شریف - ۱۳۸۵
- i. استاد برتر آموزشی - دانشگاه یزد - ۱۳۸۶
- j. پژوهشگر برجسته طرحهای کاربردی - دانشگاه یزد - ۱۳۹۴

۳- سوابق تدریس:

- a. تدریس دروس مبانی مهندسی برق، ریاضی مهندسی، مدارهای الکتریکی، تجزیه و تحلیل سیستمها، آمار و احتمالات، تئوری آشکارسازی، فرایندهای تصادفی، پردازش آماری سیگنال و تئوری پیشرفته مخابرات در دانشگاه یزد
- b. دستیار آموزشی دروس کارشناسی و کارشناسی ارشد مدارهای الکتریکی ۱ و ۲، تجزیه و تحلیل سیستمها، آمار و احتمال مهندسی، اندازه گیری الکتریکی، مدارهای منطقی، پردازش سیگنالهای دیجیتال، تئوری آشکارسازی، تئوری اطلاعات و کدینگ، اصول رمزنگاری در دانشگاه صنعتی شریف
- c. تدریس درس تئوری پیشرفته مخابرات در صنایع الکترونیک (صا ایران)

۴- سوابق اجرایی-حرفه‌ای:

- a. استاد دانشکده مهندسی برق - دانشگاه یزد - از ۱۴۰۰
- b. عضو هیأت مدیره صندوق پژوهش و فناوری استان یزد (به نمایندگی از دانشگاه یزد) - ۱۳۹۰ - ۱۳۹۲
- c. عضو شورای فناوری اطلاعات و ارتباطات - دانشگاه یزد ۱۳۹۳ - ۱۳۹۷
- d. مشاور شاخه دانشجویی IEEE دانشگاه یزد - ۱۳۹۱ - تاکنون
- e. عضو کمیته اجرائی بخش ایران IEEE و سردبیر خبرنامه بخش ایران ۲۰۱۲ - تاکنون
- f. عضو شورای علمی نخبگان استان یزد - ۱۳۹۴ - ۱۳۹۸
- g. دبیر اجرایی کنفرانس مهندسی برق ایران ۱۳۹۸، عضو کمیته علمی تعدادی از کنفرانسهای IEEE، عضو کمیته راهبری IWCIT، و عضو کمیته برگزاری کنفرانس ISCC 2012، رئیس کمیته اجرایی ICEE 2019 و دبیر مشترک اجرایی IWCIT 2022.
- h. معاون آموزشی-پژوهشی دانشکده مهندسی برق و کامپیوتر - دانشگاه یزد - ۱۳۸۶ تا ۱۳۹۲
- i. رئیس مرکز استعداد های درخشان - دانشگاه یزد - ۱۳۹۲ تا ۱۳۹۷
- j. رئیس گروه آموزشهای الکترونیکی و آزاد - دانشگاه یزد - ۱۳۹۹ تا ۱۴۰۱
- k. مشاور مدیر عامل شرکت پیشتازان صنعت فراز ارتباط و مسؤول پردیس یزد-۱۳۹۵ تا ۱۴۰۱
- l. مدیر عامل و عضو هیأت مدیره شرکت کاوش پردازان هوشمند فرابین-۱۴۰۱ تاکنون

۵- مقالات

a. کنفرانسه‌ها

1. **A.A. Tadaion**, M. Derakhtian, M.M. Nayebi and M.R. Aref, "A Novel Approach to Direction Finding Using UMPI Tests," in Proc. *IEE waveform, Diversity and Design*, Nov. 8-10 2004.
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13. H. Momenzadeh, H. R. Abutalebi and **A. A. Tadaion**, "Improving GCC-PHAT method for estimating TDOA in the presence of noise and reverberation," in Proc. of the *13th Annual International CSI (Computer Society of Iran) Computer Conference (CSICC)*, Kish Island, Iran, Mar. 2008.
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23. A. Ghobadzadeh, **A.A. Tadaion** and M.R. Taban, "Transformation effects on invariant property of invariant hypothesis test and UMPI detector," in *ISIT 2009*, Seoul, South Korea, June 28-July 3 2009.
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27. A. Ghobadzadeh, M.R. Taban and **A.A. Tadaion**, "CFAR Detection for MIMO radar in white noise using invariant hypothesis test," in Proc. of the 17th Iranian Conference on Electrical Engineering (ICEE), Tehran, Iran, May 2009.
28. S.J. Zahabi and **A.A. Tadaion**, "Local Spectrum Sensing in Non-Gaussian Noise," in *ICT 2010*, Doha, Qatar, April 5-7, 2010.
29. B. Jashni, **A.A. Tadaion** and F. Ashtiani Mofrad Tehrani, "Dynamic Link/Frequency Selection in Multi-hop Cognitive Radio Networks for Delay Sensitive Applications," in *ICT 2010*, Doha, Qatar, April 5-7, 2010.
30. H. Banizaman, S.M.T. Almodarresi and **A.A. Tadaion**, "Joint Subchannel-Relay Assignment and Bit Allocation for Multi-user Cooperative OFDMA Systems based on Fairness," in Proc. of the 18th Iranian Conference on Electrical Engineering (ICEE), Isfahan, Iran, May 2010.
31. M. Kamalian, **A.A. Tadaion**, "Invariant Detection of OFDM signals with unknown parameters for cognitive radio applications," in Proc. of the 10th International Conference on Signal Processing (ICSPC'10), Beijing, China, Oct. 24-28 2010.
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51. F. Mirhosseini and **A.A. Tadaion**, "Analysis of Energy Efficiency and Area Spectral Efficiency in Small Cell Networks with Multi-Antenna Base Stations," *2016 8th International Symposium on Telecommunications (IST'2016)*, Tehran, Iran, 2016, pp. 1-6.
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ب. مجلات

1. **A.A. Tadaion**, M. derakhtian, S. Gazor, M.M. Nayebi and M.R. Aref, "Signal Activity Detection of Phase-Shift Keying Signals," *IEEE Transactions on Communication*, vol. 54, No. 8, pp. 1439-1445, Aug. 2006.
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