

## باسمه تعالی



### الف: مشخصات فردی

نام و نام خانوادگی: رقیه دوست

تلفن محل کار: ۸۴۹۷۷۷۴۳

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### ب: سوابق علمی و آموزشی

- ۱- مقطع دکتری (۱۳۸۴ تا تیر ماه ۱۳۹۰)
- ۲- مقطع کارشناسی ارشد (مهر ماه ۱۳۸۱ تا بهمن ماه ۱۳۸۳)
- ۳- مقطع کارشناسی (مهر ماه ۱۳۷۷ تا شهریور ماه ۱۳۸۱)

### ه: زمینه‌های پژوهشی مورد علاقه

- Speech processing and speech enhancement
- Digital Signal Processing
- Satellite communication
- Watermarking
- Spread spectrum
- Information Theory

### ج: سوابق پژوهشی

#### **Journals:**

1. **Roghayeh Doost**, and Abolghasem Sayadian, "Speech Enhancement Using Codebook-based Synthesis for very Low SNR Applications", International Journal of Information and Communication Technology Research, IJICT, vol.5, no 2, pp.41-54, Spring 2013.
2. **Roghayeh Doost**, and Abolghasem Sayadian, "A New Method for Low SNR Estimation of Noisy Speech Signals Using Fourth-Order Moments" IEICE Transactions on Information and Systems, vol.E93-D, no.6, pp. 1599-1607, June 2010. (ISI Journal)
3. **Roghayeh Doost**, and Abolghasem Sayadian, "A new perceptually weighted distance measure for vector quantization of the STFT amplitudes in the speech application", IEICE Electron. Express, Vol. 6, No. 12, pp.824-830, (2009). (ISI Journal)

۴. **رقیه دوست** و حسن آقایی نیا "نهان نگاری مقاوم صحبت در حضور تبدیل LPC" فصلنامه امیرکبیر، گروه مهندسی برق، پزشکی، کامپیوتر، سال هجدهم، شماره ۶۶، صفحه ۲۰-۲۲، بهار و تابستان ۱۳۸۶

#### **Conferences:**

##### **IEEE Conferences:**

5. **R.Doost**, Z.Ghatan.K, and L.Mohammady, "BER investigation in satellite DVB-S2 service by modeling the transponder non-idealities", 7th International Symposium on Telecommunications (IST) , pp. 1050 - 1053, November 2014.

6. **R.Doost** , and A.Sayadian, “ A new method for enhancement of the noisy speech with low SNR”, 17 IEEE International Conference on Electronic, Circuit an Systems, pp. 698-701. ICECS 2010.
7. **R.Doost**, and A.Sayadian, “A New Perceptually Weighted Distance Measure for VQ of the STFT Parameters of the Speech”, IEEE EUROCON, 978-1-4244-3861-7/09/\$25.00, pp. 1434-1436, 2009.
8. **R.Doost.**; Rahmati, M.; and Sayyadian, A, “A New Method for Design of k-Class” Bayes Classifiers, 14 IEEE International Conference on Electronic, Circuit an Systems, pp. 123-126. ICECS 2007.

#### **Iranian Conferences:**

9. **R.Doost**, Z.Ghatan.K, and L.Mohammady," Investigation of Transponder IMUX and OMUX Non-idealities Effects by Modeling the Group Delay ", 1<sup>st</sup> International Conference on Advances Research on Electrical and Computer Engineering, COI code: CBCONF01\_0398, 2016.
10. **R. Doost**, and A. Sayadian, “A New Modified Distance Measure for VQ Based Quantization in the Speech Application”, Proceedings of ICEE2009, Iran University of Science and Technology, Volume 4, Communication\_System, pp. 626-630, 12-14 May 2009.
11. **R. Doost**, and H. Aghaei Nia, "A novel method for enhancement of the perceptual quality and robustness of audio watermarking "(Persian), proceedings of the 13th Iranian Conference on Electrical Engineering (ICEE), May. 2005, Zanjan, Iran.