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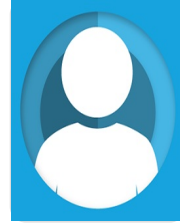
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استاد

دانشکده مهندسی برق

(پیشکسوت)



رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	بکار گیری تئوری داده های گمشده برای مقاوم سازی بازشناسی گفتار با تاکید بر اصلاح طبقه بندی کننده	کیان ابراهیم کافوری و سیدمحمد احدی سرکانی	مهر 1396
2	بهره گیری از ویژگیهای سیستم شنوایی انسان و تکنیک های حس کردن فشرده برای بازشناسی گفتار نویزی	سارا احمدی و سیدمحمد احدی سرکانی	مهر 1396
3	کاهش نویز سیگنال گفتار بر مبنای بازنمایی تنک	سمیرا مودتی و سیدمحمد احدی سرکانی	اردیبهشت 1395
4	بهسازی گفتار برای مقابله با نویز نا ایستا	ندا فرجی یامچلو و سیدمحمد احدی سرکانی	مهر 1392
5	بهبود روشهای جداسازی فرو معین منابع جهت مکان یابی دقیق منابع صوتی	علی پورمحمد و سیدمحمد احدی سرکانی	دی 1390
6	بازشناسی مقاوم گفتار براساس اصلاح طیف توان و هنجارسازی ویژگیها	ساناز سیدین و سیدمحمد احدی سرکانی	مهر 1389
7	ارائه پردازش اولیه مناسب برای مقاوم سازی سیستم های بازشناسی خودکار گفتار	غلامرضا فراهانی و سیدمحمد احدی سرکانی	دی 1385
8	Prosody in Farsi language and its use in the recognition of speech and its type	داوود غرویان و سیدمحمد احدی سرکانی	آذر 1383

پایان‌نامه‌های کارشناسی ارشد

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
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1	بهسازی سیگنال گفتار مبتنی بر شبکه ی عصبی عمیق با اتصالات جهشی	سامان کای و سیدمحمد احدی سرکانی	بهمن 1398
2	بهبود مدل زبانی در پردازش زبان طبیعی با استفاده از شبکه های عصبی ترانسفور	پویا خاندل و سیدمحمد احدی سرکانی	بهمن 1398
3	استخراج تک کاناله گوینده مبتنی بر یادگیری عمیق	هاله دمیرچی و سیدمحمد احدی سرکانی	بهمن 1398
4	آشکارسازی مقاوم فعالیت گفتاری به کمک شبکه عصبی	ایمان شهریاری و سیدمحمد احدی سرکانی	بهمن 1398
5	بازشناسی گفتار بر پایه شبکه های عصبی پیچشی با ورودی گفتار خام	سینا علی سمیر و سیدمحمد احدی سرکانی	بهمن 1396
6	جداسازی منابع گفتاری با کمک خوشه بندی های حوزه زمان فرکانس	امین امیری هنزاء و سیدمحمد احدی سرکانی	مهر 1396
7	کاهش نویز سیگنال گفتار با استفاده از شبکه های عصبی عمیق	راضیه صفری دهنوی و سیدمحمد احدی سرکانی	شهریور 1396
8	بهبود کیفیت سیگنال گفتار تک کاناله در برابر نویز ناایستا با استفاده از روش های آماری	سیدسینا مهدی زاده و سیدمحمد احدی سرکانی	تیر 1396
9	افزایش کارایی ردیابی همزمان اهداف چندگانه در تصویر	نیما محمودی و سیدمحمد احدی سرکانی	دی 1395
10	آشکار سازی فعالیت گفتاری در حضور نویز نا ایستا	مریم توفیقی و سیدمحمد احدی سرکانی	آبان 1395
11	بخش بندی گویندگان در یک محیط چند گوینده به کمک روش های آماری	منصوره طباطبایی فخار و سیدمحمد احدی سرکانی	تیر 1395
12	بهسازی سیگنال گفتار با استفاده از شکل دهی پرتوی میکروفن و جداسازی منابع صوتی جهت استفاده در سمعک های دیجیتال	ندا کریمان چالشتی و سیدمحمد احدی سرکانی	تیر 1395
13	ارائه روشی برای کنترل بر خط خودروی در حال حرکت مبتنی بر ترکیب داده های سنسوری	مائده عبدالله زاده اقدم و سیدمحمد احدی سرکانی	اردیبهشت 1395
14	تبدیل صدا در سیستم های موازی بر اساس روش های یادگیری ماشین	سیما نصیری و سیدمحمد احدی سرکانی	بهمن 1394
15	بخش بندی اشیاء در تصاویر رنگی آلوده به نویز	الیاس رجبی و سیدمحمد احدی سرکانی	دی 1394
16	طراحی و پیاده سازی سیستم طبقه بندی خودکار مبتنی بر روش های تکاملی	ابوالفضل سلطانی و سیدمحمد احدی سرکانی	مرداد 1394
17	شناسایی پدیده های صوتی در محیط بسته با کاربرد نظارتی	مهرداد علوی نژاد و سیدمحمد احدی سرکانی	خرداد 1394
18	بهبود قابلیت فهم گفتار در محیط های نویزی	الهام ایدلی و سیدمحمد احدی سرکانی	بهمن 1393
19	پنهان نگاری داده در سیگنال گفتار	مهدی صالحی فر و سیدمحمد احدی سرکانی	دی 1393
20	حذف طنین از سیگنال گفتار به روش پردازش تکراری	حسین سالمی نژاد و سیدمحمد احدی سرکانی	مهر 1393
21	بهسازی گفتار به وسیله حذف طنین گفتار در محیط های پر طنین	ولی اله مراقی و سیدمحمد احدی سرکانی	مهر 1393
22	تخمین DOA و TDOA به منظور مکان یابی سه بعدی منابع صوتی در شرایط سطوح بازتابنده با آرایه کروی	لیلا محمودی و سیدمحمد احدی سرکانی	آذر 1392

1392	مهرداد سیدعلی رفیعی پورعلوی و سیدمحمد احدی سرکانی	23	جداسازی کور منابع در شرایط استاندارد و فرومعین در حوزه ی زمان-فرکانس با استفاده از خوشه بندی بردارهای
1392	مرداد سیدحمیدرضا موتمن و سیدمحمد احدی سرکانی	24	ردیابی هدف متحرک بوسیله یک شبکه دوربین
1392	تیر الهه پرتوی و سیدمحمد احدی سرکانی	25	بهبود کارایی روش های شناسایی خودکار زبان گفتاری
1391	اسفند زینب حسینی ایمنی و سیدمحمد احدی سرکانی	26	طبقه بندی احساسات با استفاده از گفتار بر اساس استفاده از ویژگیهای مفید
1391	بهمن حسام عموعلیان و سیدمحمد احدی سرکانی	27	مقاوم سازی بازشناسی گفتار نسبت به نویز محیطی با استفاده از پردازش طیفی
1390	بهمن سحر خاکسارحقانی دهکردی و سیدمحمد احدی سرکانی	28	ترکیب ویژگی های طیفی - آماری برای بهبود آشکارسازی فعالیت گفتاری در شرایط نویز محیطی
1390	بهمن حامد ریاضتی سرشت و سیدمحمد احدی سرکانی	29	به کار گیری روشهای زمان فرکانس در مقاوم سازی بازشناسی گفتار
1390	دی شبنم غفارزادگان و سیدمحمد احدی سرکانی	30	جداسازی کور منابع برای مخلوط های کانالو با کاربرد مکان یابی
1390	خرداد آرزو زمان بین و سیدمحمد احدی سرکانی	31	نقش آب زنی سیگنال گفتار بر پایه ویژگی های آن
1389	اسفند محمدرضا نریمان نژاد و سیدمحمد احدی سرکانی	32	واترمارکینگ سیگنال های صوتی دیجیتال مقاوم در برابر حملات عمدی و غیر عمدی
1389	تیر عرفان لویمی و سیدمحمد احدی سرکانی	33	بررسی اهمیت فاز در مقاوم سازی بازشناسی گفتار
1389	تیر مانده السادات فصیحی و سیدمحمد احدی سرکانی	34	بهبود گفتار با استفاده از شبکه عصبی دینامیکی مبتنی بر موجک
1389	تیر مهديه کرباسی و سیدمحمد احدی سرکانی	35	طراحی و پیاده سازی سیستم شناسائی خودکار محیط از طریق صوت
1388	آذر نیما خادمی کلانتری و سیدمحمد احدی سرکانی	36	طراحی بررسی آماری و پیاده سازی سیستم های نقش آب زنی چند رسانه ای مقاوم
1387	بهمن حجت اله یگانه و سیدمحمد احدی سرکانی	37	مقاوم سازی بازشناسی گفتار با اعمال پردازش زیر باندی
1387	بهمن حسین مالکی و سیدمحمد احدی سرکانی	38	سیستم مکان یابی و پیگردی منبع صوت و تفکیک منابع صوتی چندگانه
1387	بهمن بهاره نظری قادیکلایی و سیدمحمد احدی سرکانی	39	ارائه روشی برای کاهش نویز از سیگنال با استفاده از تجزیه مقادیر منفرد
1387	بهمن علی ضیایی و سیدمحمد احدی سرکانی	40	شناسائی زبان گفتاری بااستفاده از روش های آماری
1387	فروردین سیدامید سجادی و سیدمحمد احدی سرکانی	41	بهبود روش های متمایزسازی گفتار - موسیقی بااستفاده از آنالیز تفکیک خطی
1386	بهمن سیدمسعود میررضایی و سیدمحمد احدی سرکانی	42	چه کسی چه موقع صحبت می کند؟ جداسازی و شناسایی گوینده هادر محیط متشکل از چند گوینده بااستفاده از روشهای نوین
1386	بهمن اولدوز حضرتی یادگوری و سیدمحمد احدی سرکانی	43	استفاده از تکنیک خوشه بندی گوینده در تطبیق گوینده در سیستم بازشناسی گفتار
1386	بهمن سیده اکرم سلیمانی و سیدمحمد احدی سرکانی	44	آشکارسازی فعالیت گفتاری در محیط های نویزی بااستفاده از ترکیب چند ویژگی

45	آنالیز مولفه مستقل برای بهبود بازشناسی گفتار فارسی	ندا فرجی یامچلو و سیدمحمد احدی سرکانی	اسفند 1385
46	مقاوم سازی بازشناسی گفتار خودکار در محیطهای نویزی با اعمال پردازش مناسب بر روی بردار ویژگی	فرزاد گلشن پور بنام و سیدمحمد احدی سرکانی	بهمن 1385
47	خوشه بندی و دسته بندی گویندگان در یک فضای چند گوینده	لیلا اردکانیان و سیدمحمد احدی سرکانی	شهریور 1385
48	بهبود روش های حذف اثر اعموجاجات در بازشناسی گفتار	احسان شگری کجوری و سیدمحمد احدی سرکانی	اردیبهشت 1385
49	آشکارسازی فعالیت گفتاری در محیط های نویزی	علیرضا اسمعیلی و سیدمحمد احدی سرکانی	اردیبهشت 1385
50	شناسایی گوینده بصورت ناوابسته بهمتن با استفاده از مدل های مخلوط گوسی	محمود خیاط زاده و سیدمحمد احدی سرکانی	آذر 1384
51	بازشناسی گفتار مبتنی بر پردازش اولیه مقاوم در برابر نویز	میثم منسوب بصیری و سیدمحمد احدی سرکانی	اسفند 1383
52	امکان پذیرسازی استفاده معلولین جسمی از کامپیوتر به کمک واسط صوتی	پرهام علیا و سیدمحمد احدی سرکانی	اردیبهشت 1383
53	تطبیق گوینده در سیستم بازشناسی گفتار پیوسته فارسی	سعید شریفیان و سیدمحمد احدی سرکانی	اسفند 1381
54	بازشناسی مقاوم در مقابل نویز گفتار پیوسته	مرجان بحرالعلوم و سیدمحمد احدی سرکانی	آذر 1381
55	مدل آماری زبان در بازشناسی گفتار پیوسته فارسی	جمال حبیبی مارکانی و سیدمحمد احدی سرکانی	اسفند 1380
56	مدلسازی وابسته به متن در بازشناسی گفتار فارسی	سیدحسین شمس و سیدمحمد احدی سرکانی	اسفند 1380
57	بازشناسی گفتار پیوسته فارسی به روش ترکیبی HMM و شبکه عصبی	علی طاهری دمنه و سیدمحمد احدی سرکانی	مهر 1380
58	بررسی انتخاب و پیاده سازی روش مناسب جهت همردیف	مهدی شیرزادمرگای و سیدمحمد احدی سرکانی	شهریور 1378

کتاب

#	عنوان	نگارندگان/مترجمان	کشور ناشر	تاریخ انتشار	نسخه
داده های ثبت شده در پورتال					
1	مبانی میکرو پروسورها و مدارهای واسطه	سیدمحمد احدی سرکانی	ایران	تیر 1381	1
2	مدارهای پالس و دیجیتال	سیدمحمد احدی سرکانی	ایران	بهمن 1393	1

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داده های ثبت شده در پورتال

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اختراعات/ ثبت پتنت

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	داده های ثبت شده در پورتال					
1	الگوریتم تفریق نوبز درحوزه خود همبستگی ans	38604699	Iran (Islamic Republic of	سیدمحمد احدی سرکانی، غلامرضا فراهانی، محمد مهدی همایونپور، دانشگاه امیرکبیر	1386/4/10	1406/4/10