



دانشگاه صنعتی امیرکبیر
(پلی تکنیک تهران)

پست الکترونیک:
abdipour@aut.ac.ir

شماره تماس:

:(Scopus) h-index
21

:ارجاعات (Scopus):
1609

عبدالعلی عبدی پور

استاد

دانشکده مهندسی برق
گروه آموزشی مخابرات



سوابق تحصیلی

# مقطع/رشته تحصیلی	دانشگاه محل تحصیل	شهر محل تحصیل	کشور محل تحصیل	تاریخ فارغ‌التحصیلی
B.Sc 1	University of Tehran	Tehran	Tehran	
M.Sc 2	University of Limoges	Limoges	France	
Ph.D 3	University of Paris XI(Orsay	Paris	France	

آشنایی با زبان

#	زبان	میزان مهارت ترجمه	میزان مهارت مکالمه
22	انگلیسی		
22	فرانسوی		

رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	مدلسازی و تحلیل تمام موج ترانزیستور اثر میدان تراهرتز پلاسمونی، کاربرد در طراحی تقویت کننده مجتمع یکپارچه تراهرتز	فرزانه دانشمندیان و عبدالعلی عبدی پور	شهریور 1399
2	طراحی و تحلیل غیر خطی ساختار موج رونده فعال مایکروویو با حضور خطوط انتقال CRLH و با ورودی سیگنال مدوله شده برای کاربرد در نسل چهارم مخابرات سیار	زهرا مازنی و عبدالعلی عبدی پور	مرداد 1399

3	مدلسازی و تحلیل میدانی ترانزیستور گرافنی در باند امواج میلیمتری و تراهرتز	مهدی زارع پور و عبدالعلی عبدی پور	اسفند 1398
4	طراحی و تحلیل غیر خطی آنتن فعال در سیستم Massive MIMO موج میلیمتری کاربرد در سیستم های مخابرات نسل پنجم	محمد مهدی صمدی طاهری و عبدالعلی عبدی پور	مهر 1398
5	مدلسازی و تحلیل میدانی نویز آنتن فعال مجتمع در سیستم MIMO موج میلیمتری	مهسا کشاورز هدایتی و عبدالعلی عبدی پور	دی 1397
6	مدلسازی و تحلیل غیر خطی میدانی آنتن فعال مجتمع در سیستم MIMO موج میلیمتری	هانیه علی اکبری ابر و عبدالعلی عبدی پور	آبان 1396
7	مدلسازی، تحلیل غیر خطی و طراحی تقویت کننده چهار بانده (QB) با استفاده از ساختار (ECRLH) رسول کشاورز و عبدالعلی عبدی پور		شهریور 1396
8	مدل سازی و تحلیل غیر خطی تقویت کننده گسترده در حضور عناصر غیر فاستری	حامد خوش نیت و عبدالعلی عبدی پور	مرداد 1396
9	تحلیل و جبران سازی عملکرد غیر خطی تقویت کننده توان در سیستم های (MIMO) دو بانده تحریک شده با سیگنالهای چند حمله	امیر واعظی و عبدالعلی عبدی پور	مهر 1395
10	تحلیل غیر خطی و بهبود عملکرد آنتن آرایه بازتابی با حضور عناصر فعال	ایمان آریانیان و عبدالعلی عبدی پور	بهمن 1394
11	مدل سازی و تحلیل عملکرد غیر خطی دینامیکی تقویت کننده توان سیستم OFDM- MIMO	حسین حمصی و عبدالعلی عبدی پور	آبان 1393
12	تحلیل غیرخطی تقویت کننده های توان و تاثیر آنها بر عملکرد آنتن آرایه فازی فعال	رضا ذاکر و عبدالعلی عبدی پور	مهر 1393
13	تحلیل اثرات غیرخطی تقویت کننده توان در تخصیص منابع شبکه های رادیو شناختی همیار	مهدی مجیدی و عبدالعلی عبدی پور	بهمن 1392
14	بهبود کارایی سیستم MIMO با استفاده از تکنیک گزینش آنتن و طراحی بین لایه ای	محمد لاری و عبدالعلی عبدی پور	مهر 1391
15	بهبود عملکرد خطوط انتقال فعال با استفاده از فرا ماده	کامبیز افروز و عبدالعلی عبدی پور	شهریور 1391
16	تحلیل تمام موج تقویت کننده توان موج میلی متری و بررسی پایداری آن	رشید میرزاوندبروجنی و عبدالعلی عبدی پور	شهریور 1390
17	مدلسازی و تحلیل تاثیر نویز فاز در سیگنال OFDM هنگام عبور از مدارات غیر خطی دینامیکی	محمدحسین مدنی و عبدالعلی عبدی پور	مهر 1389
18	تحلیل عملکرد سیستمها MIMO با مدولاسیون تطبیقی و بکارگیری گیرنده تبدیل مستقیم غیرایده ال	محمد رضا کشاورزی و عبدالعلی عبدی پور	مهر 1388
19	تحلیل غیرخطی پایداری نوسان سازهای مایکروویو به روش توازن پوش ها (ES)	حمید وحدتی و عبدالعلی عبدی پور	شهریور 1387
20	پیاده سازی و بهبود پروسه مدلسازی و تحلیل موج کامل ترانزیستور FET	مسعود موحدی و عبدالعلی عبدی پور	شهریور 1386
21	تجزیه و تحلیل و مدلسازی گسترده ترانزیستور موج	غلامرضا مرادی و عبدالعلی عبدی پور	مهر 1381

پایان نامه های کارشناسی ارشد

#	عنوان پایان نامه	توسط	تاریخ دفاع
---	------------------	------	------------

اسفند 1399	سیدپارسا جوادی و عبدالعلی عبدی پور	مدلسازی و تحلیل سیگنال و نویز خطوط انتقال تزویج شده‌ی فعال CRLH برای کاربردهای باند تراهرتز	1
بهمن 1399	محمد حسین عیوضی بزچلویی و عبدالعلی عبدی پور	مدلسازی و تحلیل مسئله تاثیرپذیری الکترومغناطیسی خط انتقال در رژیم غیر خطی و کاربرد در طراحی مدارات مجتمع MMIC در فرکانس موج میلیمتری	2
تیر 1399	علیرضا محمدزاده راوندی و عبدالعلی عبدی پور	مدلسازی و تحلیل سیگنال و نویز حوزه زمان در رژیم خطی ترانزیستور HEMT در باند فرکانسی موج میلی‌متری و تراهرتز	3
تیر 1399	محمدرضا حسن زاده و عبدالعلی عبدی پور	طراحی محفظه بدون انعکاس برای اندازه گیری آنتن در باند فرکانسی مایکروویو	4
تیر 1398	امیر مینوفر و عبدالعلی عبدی پور	تحلیل و شبیه‌سازی انتشار امواج میلیمتری حامل تکانه زاویه نوری برای تخمین حداکثر فاصله مخابراتی	5
خرداد 1398	مهسا ویسی و عبدالعلی عبدی پور	تحلیل عملکرد و شبیه سازی ساختار ویور و هارتلی در گیرنده های رادیو دیجیتال از نظر سیگنال به نویز در سیستمهای مخابرات سیار نسل چهار	6
بهمن 1397	فرشته یزدانی و عبدالعلی عبدی پور	تحلیل و شبیه سازی سیستم های نسل پنجم (5G) در محدوده موج میلیمتری با وجود تقیصه های RF	7
بهمن 1397	مریم فراهانی نیا و عبدالعلی عبدی پور	تحلیل سیستمی و شبیه سازی عملکرد فرستنده هوشمند سیستم 5G در باند Ka موج میلیمتری	8
بهمن 1397	علی اجارودی و عبدالعلی عبدی پور	طراحی، تحلیل و شبیه سازی عملکرد سیگنال و نویز مبدل پایین‌بر سیستم 5G در باند Ka موج میلیمتر	9
بهمن 1397	احمد عواضه و عبدالعلی عبدی پور	تحلیل و مدل سازی کانال MASSIVE MIMO سیستم 5G در باند ka موج میلیمتری	10
مهر 1397	مهران حاضر سهل آبادی و عبدالعلی عبدی پور	تحلیل سیستمی و شبیه سازی عملکرد گیرنده هوشمند سیستم 5G در باند Ka موج میلیمتری به منظور بهبود عملکرد گیرنده	11
بهمن 1396	صدیقه کوهپایه زاده اصفهان‌ی و عبدالعلی عبدی پور	مدل سازی و تحلیل مسئله هم شتابی خط انتقال MMIC با بار غیر خطی و تحریک شده با سیگنال مدوله شده مخابراتی در باند موج میلی متری کاربرد در نسل 5 مخابرات سیار	12
بهمن 1396	سعید کشاورز و عبدالعلی عبدی پور	طراحی و پیاده سازی داپلکسر فعال ترانسپور مایکروویو با بکارگیری ساختارهای CRLH کاربرد در سیستمهای نسل چهارم مخابرات سیار	13
بهمن 1396	امیر مکرم عیسی لو و عبدالعلی عبدی پور	مدلسازی و تحلیل حوزه زمان سیگنال نویز دیود شاتکی در رژیم غیر خطی در باند موج میلیمتری و تراهرتز	14
دی 1396	سروش یداللهی فارسانی و عبدالعلی عبدی پور	طراحی، شبیه سازی و ساخت ترکیب کننده توان ماکروویو در باند فرکانسی L و توان خروجی حدود 10 کیلو وات	15
اسفند 1395	سیدمحمدامین شیرین بیان و عبدالعلی عبدی پور	تحلیل و مدلسازی میدانی نویز دیود شاتکی در باند تراهرتز	16
اسفند 1395	مجید اسدزاده و عبدالعلی عبدی پور	بکارگیری فناوری WiGig در باند فرکانسی 60GHz جهت کاربرد در اینترنت اشیا (IoT)	17
بهمن 1395	امید کشوری گنرق و عبدالعلی عبدی پور	تحلیل و مدل سازی موج کامل دیود شاتکی در باند تراهرتز	18
بهمن 1395	امیرحسین محمدیان و عبدالعلی عبدی پور	تحلیل و شبیه‌سازی اثر غیرخطی تقویت‌کننده توان در مدولاسیون GFDM	19
بهمن 1395	محمدرضا بیگ میرزا و عبدالعلی عبدی پور	تحلیل غیر خطی ، طراحی و خطی سازی تقویت کننده توان SSPA مایکروویو بر پایه فناوری GaN در نسل چهارم ارتباطات سیار برای مدولاسیون OFDM	20
بهمن 1395	ساره باوندی و عبدالعلی عبدی پور	طراحی و تحلیل یک سنسور ماکروویو تشخیص مواد به کمک ساختارهای SIW	21

22	طراحی ، تحلیل و شبیه سازی تقویت کننده توان SSPA در باند KU بر پایه GaN	وحید عزتی و عبدالعلی عبدی پور	مهر 1395
23	شبیه سازی و ساخت آنتن مولتی باند نسل چهارم موبایل (LTE-ADVANCE)	سید محمد میرحسینی و عبدالعلی عبدی پور	اسفند 1394
24	تحلیل غیرخطی فرآیند ترکیب توان در تقویت کننده های توان حالت جامد مخابرات ماهواره ای	شاهد وفايي و عبدالعلی عبدی پور	بهمن 1394
25	طراحی،تحلیل و شبیه سازی گیرنده های نسل چهارم موبایل	نگار میرسعیدی و عبدالعلی عبدی پور	آبان 1394
26	طراحی،تحلیل و شبیه سازی فرستنده های نسل چهارم پیشرفته ی موبایل	آرینه هریس بدلیانس و عبدالعلی عبدی پور	آبان 1394
27	تحلیل ،طراحی و شبیه سازی موجبرهای عایقی تزویج شده در باند موج میلیمتری	امیرحسین هاشمی و عبدالعلی عبدی پور	مهر 1394
28	طراحی ، تحلیل و شبیه سازی آنتن فعال گیرنده چند بانده با استفاده ساختارهای فراماده برای کاربرد در فناوری LTE-A	جلال الدین طیب پور و عبدالعلی عبدی پور	شهریور 1394
29	تحلیل غیرخطی و طراحی آنتن فعال چند-بانده برای استاندارد LTE-A	مهرداد نصرتی و عبدالعلی عبدی پور	تیر 1394
30	طراحی و شبیه سازی تقویت کننده دوهرتی اصلاح شده دو بانده برای کاربردهای مخابرات سیار	طیبه همت پوری فرخی و عبدالعلی عبدی پور	خرداد 1394
31	طراحی و ساخت RFID برد بلند در باند UHF	مجید ریوندی و عبدالعلی عبدی پور	فروردین 1394
32	شبیه سازی و پیاده سازی فرستنده رادیوشناختگر بابکارگیری فناوری رادیونرم افزار و تقویت کننده توان ET	مصطفی علیزاده و عبدالعلی عبدی پور	بهمن 1393
33	طراحی، پیاده سازی نرم افزاری گیرنده SDR مخابرات سلولی نسل چهارم (LTE)	فرامرز جبارزیری و عبدالعلی عبدی پور	بهمن 1393
34	طراحی و شبیه سازی عملکرد میکسر مایکروویو با حضور ساختارهای تمامتریال	محدثه پاسدار و عبدالعلی عبدی پور	مهر 1393
35	طراحی و تحلیل ساختار های ترکیب کننده توان موج میلیمتری برپایه تمامتریال ها	حامد ملک مکان و عبدالعلی عبدی پور	مهر 1393
36	شبیه سازی، طراحی (و ساخت باند) پایه برای یک لینک رادیو با دید مستقیم 60 گیگا هرتز MIMO	مهدی مظلومی ثانی و عبدالعلی عبدی پور	مهر 1393
37	مدل سازی، طراحی و تحلیل میدانی یک نمونه تقویت کننده در باند فرکانسی تراهرتز	امیر افشانی اقاچری و عبدالعلی عبدی پور	مهر 1393
38	طراحی و شبیه سازی فرستنده موج میلیمتری پرسرعت در محدوده فرکانس 60ghz	رضا بذرافشانی و عبدالعلی عبدی پور	شهریور 1393
39	طراحی و شبیه سازی گیرنده موج میلیمتری پرسرعت در محدوده فرکانس 60ghz	بیژن نیستانی و عبدالعلی عبدی پور	شهریور 1393
40	تحلیل و شبیه سازی عملکرد مدولاسیون های مختلف درسیستم 60 گیگا هرتز	مهسا پشنگ پور و عبدالعلی عبدی پور	اردیبهشت 1393
41	بررسی طراحی و شبیه سازی تقویت کننده توان جهت کاربرد در مخابرات سیار به کمک تکنیک خطی سازی ANALOG DITHERING	داود میرزاحسینی و عبدالعلی عبدی پور	اردیبهشت 1393
42	طراحی تحلیل غیر خطی و شبیه سازی تقویت کننده های قدرت به همراه خطی ساز جهت کاربرد در مخابرات ماهواره ای در باند ka	رضا ابراهیمی قیری و عبدالعلی عبدی پور	مهر 1392
43	طراحی و شبیه سازی فیلتر میان گذر مایکروویو به کمک فناوری mems	پرهام نوری کوهانی و عبدالعلی عبدی پور	مهر 1392

44	طراحی و تحلیل غیرخطی تقویت کننده موج رونده بر پایه فناوری CMOS	فرزانه دانشمندیان و عبدالعلی عبدی پور	شهریور 1392
45	مدلسازی و تحلیل گسترده نویز در ترانزیستور موج میلیمتری بر پایه فناوری cmos	زهرا سیفی و عبدالعلی عبدی پور	شهریور 1392
46	طراحی و تحلیل یک نمونه میکسر غیر فعال در باند مایکروویو به همراه ارزیابی عملکرد نویزی آن	امیر اکبری و عبدالعلی عبدی پور	اردیبهشت 1392
47	کاربرد فناوری sdr در cr	همایون ذوالفقاریان و عبدالعلی عبدی پور	اردیبهشت 1392
48	طراحی تحلیل و شبیه سازی گیرنده شش دهانه ای دو بانده برای کاربرد های موج میلیمتری در محدوده فرکانسی 60 گیگاهرتز	عطیه طالب زاده قهرودی و عبدالعلی عبدی پور	اسفند 1391
49	طراحی تحلیل و شبیه سازی تقویت کننده کم نویز به همراه شیفت دهنده فاز مجتمع دو بانده برای آنتن های هومند در گیرنده در محدوده موج میلیمتری	منیژه ذوالفقارزاده و عبدالعلی عبدی پور	اسفند 1391
50	طراحی و تحلیل و شبیه سازی ارایه آنتن فعال دو بانده در محدوده فرکانسی 60 گیگاهرتز	سمانه افشاردلخواه و عبدالعلی عبدی پور	بهمن 1391
51	مدلسازی تحلیل و شبیه سازی کانال انتشار سیستم مخابراتی چند ورودی - چند خروجی در فرکانس 60 گیگاهرتز با روش رهگیری پرتو	محمدجعفر کاظمی نجف آبادی و عبدالعلی عبدی پور	بهمن 1391
52	تحلیل و شبیه سازی شبکه حسگر بی سیم با آنتن های جهتی در محدوده 60ghz	محمدرضا علی مددی و عبدالعلی عبدی پور	آبان 1391
53	طراحی تحلیل و شبیه سازی تقویت کننده توان به همراه شیفت دهنده فاز مجتمع دو بانده برای آنتن های هوشمند در محدوده 60 کیگاهرتز	هانیه علی اکبری ابر و عبدالعلی عبدی پور	شهریور 1391
54	طراحی تحلیل و ساخت مجموعه ی استاندارد کالیبراسیون مایکرواستریپ در باند مایکروویو (1-26.5ghz)	ابراهیم فیضی برناجی و عبدالعلی عبدی پور	تیر 1391
55	طراحی تحلیل و ساخت کوپلر مایکروویو 3db/90 و 3db/180 در باند ka	مهدی یوسفی کوبائی و عبدالعلی عبدی پور	اسفند 1390
56	آنالیز طراحی و پیاده سازی سخت افزاری مدلاسیون ofdm پوش ثابت با به کارگیری مدل‌تورهای msk و gmsk	نواب افراشته و عبدالعلی عبدی پور	اسفند 1390
57	طراحی و شبیه سازی بخش فرستنده یک ترانسپور تحریک شده سیگنال OFDM جهت کاربرد در WIMAX	محمدرضا ورامینیان و عبدالعلی عبدی پور	اسفند 1390
58	طراحی و تحلیل غیر خطی یک نمونه آنتن فعال در باند موج میلیمتری	محمد مهدی هنری کلاته و عبدالعلی عبدی پور	بهمن 1390
59	مدلسازی الکترومغناطیسی اتصال خط کواکسیال به موجبر در باند فرکانسی موج میلیمتری	طهمورث زمانی فرادنبه و عبدالعلی عبدی پور	بهمن 1390
60	طراحی و شبیه سازی یک نمونه تقویت کننده گسترده با حضور عناصر ابررسانا	مهدی زارعیور و عبدالعلی عبدی پور	بهمن 1390
61	طراحی و تحلیل غیر خطی تقویت کننده توان doherly موج میلیمتری تحریک شده با سیگنال مدوله شده	فاطمه تقیان و عبدالعلی عبدی پور	مهر 1390
62	طراحی و شبیه سازی تقویت کننده گسترده با استفاده از فناوری cmos	بهارک احمدی و عبدالعلی عبدی پور	اردیبهشت 1390
63	تحلیل و شبیه سازی عملکرد گزینش هوشمند آنتن ها در سیستم های mimo با مدولاسیون و فقی	مهشاد همدانیان و عبدالعلی عبدی پور	اسفند 1389
64	طراحی و تحلیل غیر خطی تقویت کننده DEHERTY برای استاندارد WIMAX به کمک روش توازن پوشها (ce)	حامد گلستانه و عبدالعلی عبدی پور	بهمن 1389
65	پیاده سازی مجموعه اندازه گیری سیگنال و ارائه متدولوژی فرایند مشخصه گذاری سیگنال مدارات موج میلیمتری	لاله میرزاوند بروجنی و عبدالعلی عبدی پور	بهمن 1389

66	پیاده سازی مجموعه اندازه گیری نویز و ارائه الگوریتم استخراج پارامترهای نویز مدارات موج میلیتری	نفیسه راهنما و عبدالعلی عبدی پور	بهمن 1389
67	طراحی و آنالیز غیر خطی تقویت کننده های توان Doherty باپیش اعوجاج برای شبکه های WIMAX	سارا حمیدیان و عبدالعلی عبدی پور	آبان 1389
68	طراحی شبیه سازی و ساخت یک نمونه تقویت کننده سیستم wimax با راندمان بالا با به کارگیری تکنیک خطی سازی EER	ایمان آریانیان و عبدالعلی عبدی پور	شهریور 1389
69	طراحی، تحلیل غیر خطی و ساخت یک تقویت کننده قدرت نسل 3 مخابرات سیار و خطی سازی آن به کمک روش فید فوروارد	محمد مهدی رحمتی و عبدالعلی عبدی پور	تیر 1389
70	تحلیل و شبیه سازی بخش ترانسپور شبکه AD HOC	مریم صفری علی آبادی و عبدالعلی عبدی پور	اردیبهشت 1389
71	طراحی و شبیه سازی فرستنده لینک رادیویی ewave	شادی شیروانی و عبدالعلی عبدی پور	فروردین 1389
72	طراحی، تحلیل غیر خطی و ساخت تقویت کننده قدرت نسل 3 مخابرات سیار و خطی سازی آن با تکنیک predistortion	سعید قمری و عبدالعلی عبدی پور	فروردین 1389
73	طراحی و شبیه سازی گیرنده لینک رادیویی ewave	رویا ابراهیمی زهروی و عبدالعلی عبدی پور	فروردین 1389
74	طراحی و تحلیل غیر خطی یک تقویت کننده توان مخابرات سیار 3g به روش منابع جریان غیر خطی	آندره هوسپی بدلیانس و عبدالعلی عبدی پور	مهر 1388
75	طراحی، تحلیل غیرخطی و ساخت تقویت کننده doherty برای مدولاسیون ofdm در شبکه های wimax	سیدامین حجازی و عبدالعلی عبدی پور	شهریور 1388
76	طراحی و شبیه سازی سیرکولاتور فعال مایکروویو	رضا بحری و عبدالعلی عبدی پور	تیر 1388
77	طراحی و ساخت تقویت کننده متوازن کم نویز مایکروویو	پیمان پالیزی و عبدالعلی عبدی پور	بهمن 1387
78	طراحی و شبیه سازی بخش RF یک سیستم فرستنده گیرنده DS-UWB در باند 3.1-10.6 گیگاهرتز	علی رسول پور و عبدالعلی عبدی پور	بهمن 1387
79	طراحی و تحلیل و ساخت یک تقویت کننده توان در باند X به کمک روش سری ولترا	مصطفی رفیعی و عبدالعلی عبدی پور	دی 1387
80	تحلیل و ارزیابی غیر خطی تقویت کننده قدرت باند S تحریک شده با سیگنالهای با حامل چندگانه	امیر واعظی و عبدالعلی عبدی پور	دی 1387
81	طراحی و ساخت بخش RF گیرنده یک سیستم فرستنده گیرنده MIMO4*4 با استفاده از مدولاسیون تطبیقی	ارمین قرصی عنبران و عبدالعلی عبدی پور	تیر 1387
82	طراحی و پیاده سازی بخش مدولاتور تطبیقی یک سیستم فرستنده گیرنده MIMO4*4 با استفاده از مدولاسیون تطبیقی	فرزین اعظمی و عبدالعلی عبدی پور	تیر 1387
83	طراحی و ساخت بخش RF فرستنده یک سیستم فرستنده گیرنده MIMO4*4 با استفاده از مدولاسیون تطبیقی	حسین حمصی و عبدالعلی عبدی پور	تیر 1387
84	طراحی و ساخت گیرنده مایکروویو در باند 29GHZ-24 به روش MULTIPORT	بهید قلمکاری و عبدالعلی عبدی پور	تیر 1387
85	ارائه متودولوژی به منظور مدلسازی و استخراج پارامترهای الکترومغناطیسی گازها	مهدی نوروزی و عبدالعلی عبدی پور	اردیبهشت 1387
86	طراحی تحلیل غیرخطی و ساخت آنتن فعال در باند فرکانسی S	پگاه تکوک و عبدالعلی عبدی پور	اسفند 1386
87	تجزیه و تحلیل خطوط انتقال تزویج شده فعال در رژیم غیرخطی باتحریک سیگنال مدوله شده کامبیز افروز و عبدالعلی عبدی پور	پگاه تکوک و عبدالعلی عبدی پور	بهمن 1386

88	تحلیل و شبیه سازی اعوجاج غیرخطی در عملکرد تقویت کننده های توان مخابرات سیار	روشنک قهرمانی و عبدالعلی عبدی پور	مهر 1386
89	بکارگیری تکنیک ترکیب توان در طراحی و ساخت یک نمونه تقویت کننده قدرت ka به کمک مازول های MMIC	حمید کیومرثی و عبدالعلی عبدی پور	تیر 1386
90	طراحی و ساخت LNB باند ka با استفاده از میکسر IRM و به کمک مازول های MMIC	مهدی رضوانی آبکناری و عبدالعلی عبدی پور	خرداد 1386
91	بکارگیری تکنیک موجک در تحلیل و طراحی میکسر ماتریسی مایکروویو در باند فرکانسی UWB	رضا حلاجی و عبدالعلی عبدی پور	اسفند 1385
92	طراحی و ساخت تقویت کننده توان گسترده در باند UWB	شهرزاد اسدی و عبدالعلی عبدی پور	اسفند 1385
93	تحلیل و طراحی و شبیه سازی آنتن فعال براساس ساختارهای گسترده در باند UWB	محمد جعفرپور جلالی و عبدالعلی عبدی پور	بهمن 1385
94	تحلیل و مدلسازی نویز در ترانستور MESHFET به روش IMPEDANCE FIELD METHOD	سیدامیر هاشمی و عبدالعلی عبدی پور	اسفند 1384
95	تحلیل و مدلسازی خطوط انتقال تزویج شده فعال در رژیم غیر خطی (کاربرد در تحلیل و مدلسازی ترانزیستور FET در رژیم غیر خطی)	آیدین تائب و عبدالعلی عبدی پور	بهمن 1384
96	تحلیل عددی ترانزیستور MESHFET موج میلیمتری بر اساس مدل فیزیکی قطعه	یوسف سلطانی محمدی و عبدالعلی عبدی پور	اسفند 1383
97	طراحی و تحلیل غیر خطی میکسر حذف کننده سگال تصویر (IRM) از نوع SUB-HARMONIC	وفا صدقی و عبدالعلی عبدی پور	اسفند 1383
98	طراحی و مدلسازی و آنالیز موج میلیمتری باترانزیستور TMEH از نظر سیگنال	فواد ارفعی ملک زاده و عبدالعلی عبدی پور	خرداد 1383
99	طراحی و تحلیل تقویت کننده توان موج میلیمتری به روش ENVELOPE SIMULATION	کاوه برنجی و عبدالعلی عبدی پور	خرداد 1383
100	طراحی آنالیز و شبیه سازی تقویت کننده کم نویز در محدوده فرکانس باند AK	سحر ثقفی و عبدالعلی عبدی پور	تیر 1382
101	طراحی و آنالیز مخلوط کننده بالا برنده باند AK	محمدحسین حدادی و عبدالعلی عبدی پور	فروردین 1382
102	مدلسازی و آنالیز سیگنال نویز اسلاتور آزاد	ذاکرحسین فیروزه و عبدالعلی عبدی پور	اسفند 1380
103	طراحی بانکی اندازه گیری مونیز و پیاده سازی الگور	صمد صمدیانی و عبدالعلی عبدی پور	بهمن 1380
104	آنالیز و مدلسازی نویز در یکسره های ماهواره های	امیرحسین درویشان و عبدالعلی عبدی پور	دی 1380
105	آنالیز میدانی تراز سیستم TMEH موج میلیمتریک	محمد قیامی و عبدالعلی عبدی پور	دی 1379
106	تحلیل عملکرد و قابلیت گیرنده و فرستنده موبایل	حسن طایب خسروشاهی و عبدالعلی عبدی پور	دی 1379
107	تهیه یک نرم افزار جهت تحلیل شبیه سازی مدارات خطی	سیدوحید میرافتاب و عبدالعلی عبدی پور	شهریور 1379
108	بررسی اثر نویز باهمبستگی در مدارات فعال مایکرو	رامین خسروی و عبدالعلی عبدی پور	بهمن 1378
109	تقسیم کننده فرکانس مایکروویو غیرخطی	نوید صفائی حائری و عبدالعلی عبدی پور	اسفند 1377

کتاب

#	عنوان	نگارندگان/مترجمان	کشور ناشر	تاریخ انتشار	نسخه
داده های ثبت شده در پورتال					
1	ترانزیستورهای اثر میدان فرکانس بالا (مدلسازی و تحلیل الکترونیکی-الکترومغناطیسی)	عبدالعلی عبدی پور، رشید میرزاوند	ایران	دی 1392	2
2	ترانزیستورهای اثر میدانی فرکانس بالا	عبدالعلی عبدی پور، رشید میرزاوند	ایران	دی 1391	1
3	نویز در مدارات و سیستمهای مخابرات الکترونیکی (مدلسازی، تحلیل و اندازه گیری)	عبدالعلی عبدی پور	ایران	دی 1383	1
4	اندازه گیری فرکانس بالا	غلامرضا مرادی، عبدالعلی عبدی پور	ایران	خرداد 1400	1
5	خطوط انتقال مخابراتی-خطوط غیر فعال	عبدالعلی عبدی پور، غلامرضا مرادی	ایران	اسفند 1389	2
6	خطوط انتقال فعال در مخابرات الکترونیکی (مدلسازی و تحلیل)	عبدالعلی عبدی پور، غلامرضا مرادی	ایران	اسفند 1386	1
7	خطوط انتقال فعال در مخابرات الکترونیکی (مدلسازی و تحلیل)	عبدالعلی عبدی پور، غلامرضا مرادی	ایران	اردیبهشت 1393	2
8	مدارهای مخابراتی (تحلیل غیر خطی، طراحی و شبیه سازی)	عبدالعلی عبدی پور	ایران	مهر 1392	0
9	خطوط انتقال مخابراتی (جلد اول: خطوط غیر فعال)	عبدالعلی عبدی پور، غلامرضا مرادی	ایران	مهر 1385	0

مقالات ژورنال

داده های ثبت شده در پورتال

- Mohammad Hossein Eyvazi, Abdolali Abdipour, "Time domain EMS nonlinear analysis of a mm-wave diode with application in 5G technology", *AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS*, Vol. 140, Num. 10, Page 1-7, August 2021,
- Somaye Kaviani Dezaki, Amirnader Askarpour, Abdolali Abdipour, "Circular dichroism spectroscopy and chiral sensing in optical fibers", *OPTICS EXPRESS*, Vol. 29, Num. 15, Page 23096-23112, July 2021,
- Alireza Mohammadzade, Abdolali Abdipour, Amirnader Askarpour, "Time-Domain Signal and Noise Modeling and Analysis of Millimeter-Wave and THz HEMT Transistors", *IET MICROWAVES ANTENNAS & PROPAGATION*, Vol. 1, Num. 6, Page 1-13, June 2021,
- Zahra Mazani, Abdolali Abdipour, Kambiz Afrooz, "A modified CRLH unit cell for multi-band applications", *MICROWAVE AND OPTICAL TECHNOLOGY LETTERS*, Vol. 1, Num. 7, Page 1-6, June 2021,
- Seyed Parsa Javadi, Abdolali Abdipour, "Time domain analysis of an active multi-conductor CRLH transmission line using FDTD method for millimeter-wave frequencies", *AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS*, Vol. 135, Num. 1, Page 1-11, May 2021,

- 6 Zahra Seifi, Ayaz Ghorbani, Abdolali Abdipour, "Analysis of the electromagnetic wave illumination on the transmission lines with nonlinear terminations", *International Journal of Microwave and Wireless Technology*, Vol. -, Num. 0, Page 1-11, March 2021,
- 7 Rasool Keshavarz, Abbas Mohammadi, Abdolali Abdipour, "Linearity improvement of a dual-band Doherty power amplifier using E-CRLH transmission line", *AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS*, Vol. 131, Num. 153584, Page 1-7, March 2021,
- 8 Zahra Seifi, Ayaz Ghorbani, Abdolali Abdipour, "Analysis and Experimental Study of Radiative Microwave Pulses Effects on the Nonlinear Performance of a Low-Noise Amplifier", *IEEE TRANSACTIONS ON PLASMA SCIENCE*, Vol. -, Num. 0, Page 1-10, February 2021,
- 9 Farzaneh Daneshmandian, Abdolali Abdipour, Amirnader Askarpour, "Numerical modeling of highly sensitive resonant detection of THz radiation using a multichannel dispersive plasmonic HEMT", *Journal of Computational Electronics*, Vol. 20, Num. 2, Page 912-921, January 2021,
- 10 Saeed Keshavarz, Rasool Keshavarz, Abdolali Abdipour, "Compact Active Duplexer Based on CSRR and Interdigital Loaded Microstrip Coupled Lines for LTE Application", *PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER*, Vol. 109, Num. 1, Page 27-37, January 2021,
- 11 Zahra Seifi, Ayaz Ghorbani, Abdolali Abdipour, "Time-domain analysis and experimental investigation of electromagnetic wave coupling to RF/microwave nonlinear circuits", *JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS*, Vol. --, Num. 0, Page 1-20, November 2020,
- 12 Amirhossein Mohammadian, Abbas Mohammadi, Abdolali Abdipour, Mina Baghani, "Spectral analysis of GFDM modulated signal under nonlinear behavior of power amplifier", *WIRELESS NETWORKS*, Vol. 26, Num. 8, Page 1-12, August 2020,
- 13 Alieh Razeghi-Harikandeei, Bahram Azizollah Ganji, Javad Koohsorkhi, Ramazan-Ali Jafari-Talookolaei, Abdolali Abdipour, "A Very Simple Closed-Form Expression for Pull-In Voltage and Fundamental Frequency of Fixed-Fixed Beam", *IEEE SENSORS JOURNAL*, Vol. 20, Num. 13, Page 7148-7155, June 2020,
- 14 Abdolali Abdipour, Farzaneh Daneshmandian, Amirnader Askarpour, "Numerical Investigation of the Instability-Based Power Emission from an Ungated Plasmonic HEMT Using Complete Hydrodynamic Model", *PLASMONICS*, Vol. 0, Num. 0, Page 0-0, May 2020,
- 15 Mehran Hazer Sahlabadi, Abdolali Abdipour, Abbas Mohammadi, "Dynamic range improvement of six-port receiver through analysis of output DC offset", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 103, Num. 3, Page 451-460, April 2020,
- 16 Amir Mokarram, Abdolali Abdipour, Amirnader Askarpour, Alireza Mohammadzade, "Time-domain signal and noise analysis of millimetre-wave/THz diodes by numerical solution of stochastic telegraphers equations", *IET MICROWAVES ANTENNAS & PROPAGATION*, Vol. 14, Num. 9, Page 1-9, April 2020,
- 17 A.Razeghi.H, B.A.Ganji, R-A.Jafari Talookolaei, Abdolali Abdipour, "Static, free and forced vibration analysis of a delaminated microbeam-based MEMS subjected to the electrostatic force", *ARCHIVES OF MECHANICS*, Vol. 72, Num. 2, Page 169-188, April 2020,
- 18 Mehdi Majidi, Abbas Mohammadi, Abdolali Abdipour, Mikko Valkama, "Characterization and Performance Improvement of Cooperative Wireless Networks With Nonlinear Power Amplifier at Relay", *IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY*, Vol. 69, Num. 3, Page 3244-3255, March 2020,
- 19 Ali Sajadi, Akram Sheikhi, Abdolali Abdipour, "Analysis, Simulation, and Implementation of Dual-Band Filtering Power Divider Based on Terminated Coupled Lines", *IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS*, Vol. 67, Num. 7, Page 1-5, March 2020,
- 20 Afshin Shahgholi, Gholamreza Moradi, Abdolali Abdipour, "Low-Profile Frequency-Reconfigurable LTE-CRLH Antenna for Smartphones", *IEEE Access-OPEN*, Vol. 8, Num. 2, Page 1-8, February 2020,
- 21 Mehdi Zarepour, Abdolali Abdipour, Gholamreza Moradi, "A multilayer graphene on hBN substrate waveguide modulator", *IET OPTOELECTRONICS*, Vol. 0, Num. 0, Page 1-6, February 2020,
- 22 Alieh Razeghi-Harikandeei, Bahram Azizollah Ganji, Javad Koohsorkhi, Ramazan-Ali Jafari-Talookolaei, Abdolali Abdipour, "Model improvement of the miniature switched capacitor for high-speed applications", *MICRO & NANO LETTERS*, Vol. 0, Num. 0, Page 1-5, January 2020,

- 23 Mehran Hazer Sahlabadi, Abdolali Abdipour, Abbas Mohammadi, "Improved analytical approach for studying the effect of diode power detector modelling on six-port communication receiver performance", *COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRICAL AND ELECTRONIC ENGINEERING*, Vol. 0, Num. 0, Page 0-0, December 2019,
- 24 Farzaneh Daneshmandian, Abdolali Abdipour, Amirnader Askarpour, "Global modeling of terahertz plasmonic high electron mobility transistor using a complete hydrodynamic model", *JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS*, Vol. 36, Num. 12, Page 3428-3433, November 2019,
- 25 Milad Shariatifar, Mohsen Jalali, Abdolali Abdipour, "Design of a high-efficiency dual-band class-J/J power amplifier considering concurrent-mode input drive", *INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING*, Vol. 0, Num. 0, Page 1-12, November 2019,
- 26 Mehdi Zarepour, Abdolali Abdipour, Gholamreza Moradi, "Modeling, analysis, and simulation of millimeter-wave Graphene Nano-Ribbon (GNR) cylindrical coupled transmission line", *MICROELECTRONICS JOURNAL*, Vol. 93, Num. 1, Page 1-6, October 2019,
- 27 Milad Sharyatifar, Mohsen Jalali, Abdolali Abdipour, "A concurrent dual-band continuous Class-F power amplifier with intermodulation impedance tuning: Analysis and design technique", *AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS*, Vol. 1, Num. 9, Page 1-11, September 2019,
- 28 Saeed Keshavarz, Abdolali Abdipour, Abbas Mohammadi, Rasool Keshavarz, "Design and implementation of low loss and compact microstrip triplexer using CSRR loaded coupled lines", *AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS*, Vol. 1, Num. 9, Page 1-5, September 2019,
- 29 A.Razeghi, B.Azizollah Ganji, Abdolali Abdipour, R.A.Jafari-Talookolaei, "A Novel Metamaterial Microelectromechanical Systems Phase Shifter with High Phase Shift and High Bandwidth", *International Journal of Engineering*, Vol. 32, Num. 8, Page 1163-1168, August 2019,
- 30 Mehran Hazer Sahlabadi, Abdolali Abdipour, Abbas Mohammadi, "A Seven-Port Receiver for MIMO Communication Systems", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 0, Num. 0, Page 1-11, July 2019,
- 31 Zahra Mazani, Abdolali Abdipour, Kambiz Afrooz, "Active Dual Band Power Divider and Active Quad-Plexer Based on Travelling Wave Amplification and D-CRLH Transmission Line", *IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS*, Vol. 5, Num. 0, Page 1-5, May 2019,
- 32 Hanieh Aliakbari Abar, Abdolali Abdipour, Alessandra Costanzo, Diego Masotti, Rashid Mirzavand Broujeni, Pedram Mousavi, "Far-field Based, Non-linear Optimization of Millimeter-wave Active Antenna for 5G Services", *IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES*, Vol. 70, Num. 5, Page 1-14, April 2019,
- 33 Farzaneh Daneshmandian, Abdolali Abdipour, Amirnader Askarpour, "Numerical Investigation of the Bias Voltages Effects on the Performance of Plasmonic HEMTs", *International Journal of Information and Communication Technology(IJICT)*, Vol. 11, Num. 1, Page 12-18, March 2019,
- 34 Mahsa Keshavarz Hedayati, Abdolali Abdipour, Reza Sarraf Shirazi, Max J. Ammann, Matthias John, Cagri Cetintepe, Robert Bogdan Staszewski, "Challenges in On-Chip Antenna Design and Integration with RF Receiver Front-End Circuitry in Nanoscale CMOS for 5G Communication Systems", *IEEE Access-OPEN*, Vol. 7, Num. 1, Page 1-5, March 2019,
- 35 Farzaneh Daneshmandian, Abdolali Abdipour, Amirnader Askarpour, "Full wave analysis of terahertz dispersive and lossy plasmonic HEMT using hydrodynamic model", *JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS*, Vol. 36, Num. 4, Page 1138-1143, March 2019,
- 36 Sedigheh Kouhpayeh Zadeh Esfahani, Abdolali Abdipour, Kambiz Afrooz, "Fast method for analysing nonlinear composite right/left-handed transmission lines based on finite-difference time-domain method", *IET MICROWAVES ANTENNAS & PROPAGATION*, Vol. 0, Num. 12, Page 1-7, December 2018,
- 37 Zahra Mazani, Abdolali Abdipour, Kambiz Afrooz, "Matrix Power Amplifier with Open Circuit Composite Right/Left Handed Transmission Line", *IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS*, Vol. 1, Num. 1, Page 1-3, December 2018,
- 38 Sedigheh Kouhpayeh Zadeh Esfahani, Abdolali Abdipour, Kambiz Afrooz, "Fast methodology for Time-domain Analysis of Nonlinear-loaded Transmission Line Excited by an Arbitrary Modulated Signal", *IEEE TRANSACTIONS ON COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS AND SYSTEMS*, Vol. 0, Num. 0, Page 1-13, December 2018,

- 39 Mohammad Mehdi Samadi Taheri, Abdolali Abdipour, Shuai Zhang, Gert Fr?Lund Pedersen, "Integrated Millimeter-Wave Wideband End-Fire 5G Beam Steerable Array and Low-Frequency 4G LTE Antenna in Mobile Terminals", *IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY*, Vol. 1, Num. 1, Page 1-6, December 2018,
- 40 Vahid Ezzati, Abdolali Abdipour, "Non-linear modeling, analysis, design and simulation of a solid state power amplifier based on GaN technology for Ku band microwave application", *AUT Journal of Modeling and Simulation*, Vol. 50, Num. 2, Page 111-120, October 2018,
- 41 Milad Shariatifar, Mohsen Jalili, Abdolali Abdipour, "A methodology for designing class-F-1/J(J-1) high efficiency concurrent dual-band power amplifier", *MICROELECTRONICS JOURNAL*, Vol. 81, Num. 11, Page 1-7, September 2018,
- 42 Amir Vaezi, Abdolali Abdipour, Abbas Mohammadi, F.Ghanouchi, "Analysis of nonlinear crosstalk impairment in MIMO-OFDM systems", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 1, Num. 12, Page 1-11, September 2018,
- 43 Mahsa Keshavarz Hedayati, Abdolali Abdipour, Reza Sarraf Shirazi, Cagri Cetintepe, Robert Bogdan Staszewski, "A 33-GHz LNA for 5G Wireless Systems in 28-nm Bulk CMOS", *IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS*, Vol. 0, Num. 0, Page 1-5, July 2018,
- 44 Mohammad Mahdi Honari, Abdolali Abdipour, Gholamreza Moradi, Rashid Mirzavand, Pedram Mousavi, "Design and analysis of a Series-Fed Aperture-Coupled Antenna Array with Wideband and High-Efficient Characteristics", *IEEE Access-OPEN*, Vol. 0, Num. 0, Page 1-10, May 2018,
- 45 Abdolali Abdipour, Ali Banai, F.Farzaneh, M.Kamarei, Gholamreza Moradi, Jalil Rashed Mohassel, Mahmoud Shahabadi, "Microwave Engineering in Irans Academia", *IEEE MICROWAVE MAGAZINE*, Vol. 19, Num. 3, Page 124-128, April 2018,
- 46 Reza Zaker, Abdolali Abdipour, Ahad Tavakoli, Rashid Mirzavand Borujeni, "Frequency-Dependent Behavioral-Model-Based Nonlinear Analysis and Design of a Low-Profile Transmit Active Phased Array Antenna", *INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING*, Vol. 3, Num. 1, Page 1-14, March 2018,
- 47 Akram Sheikhi, Abdolali Abdipour, A.Grebennikov, Hossein Hemesi, "Effect of Shunt Capacitances at the performance of Current-Mode Class-DE Power Amplifier at any Active Time", *IEEE TRANSACTIONS ON POWER ELECTRONICS*, Vol. 0, Num. 99, Page 1-8, November 2017,
- 48 Amir Vaezi, Abdolali Abdipour, Abbas Mohammadi, Fadhel Ghannouchi, "On the Modeling and Compensation of Backward Crosstalk in MIMO Transmitters", *IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS*, Vol. 1, Num. 1, Page 1-3, August 2017,
- 49 Rasool Keshavarz, Abbas Mohammadi, Abdolali Abdipour, "A linearity improved quad-band amplifier based on E-CRLH transmission line", *International Journal of Microwave and Wireless Technology*, Vol. 0, Num. 0, Page 1-8, June 2017,
- 50 Hanieh Aliakbari Abar, Abdolali Abdipour, Rashid Mirzavand, Gustavo Avolio, "Large-Signal Distributed mm-wave Multi-Finger pHEMT Modeling using Time-Domain Technique", *INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING*, Vol. 0, Num. 0, Page 1-20, May 2017,
- 51 Hanieh Aliakbari Abar, Abdolali Abdipour, Alessandra Costanzo, Diego Masotti, Rashid Mirzavand, Pedram Mousavi, "An ANN-based Design of a Versatile Millimetre-wave Slotted Patch Multi-Antenna configuration for 5G Scenarios", *IET MICROWAVES ANTENNAS & PROPAGATION*, Vol. 0, Num. 0, Page 0-18, April 2017,
- 52 A.Sheikhi, A.Alipour, Abdolali Abdipour, "Design of Compact Wide Stopband Microstrip Low-pass Filter using T-shaped Resonator", *IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS*, Vol. 2, Num. 1, Page 1-3, February 2017,
- 53 Rasool Keshavarz, Abbas Mohammadi, Abdolali Abdipour, Rashid Mirzavand Borujeni, "A Dual Band E-CRLH Frequency Multiplier with Two Multiplication Factors", *PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER*, Vol. 64, Num. 12, Page 99-104, December 2016,
- 54 Hamed Khoshniyat, Abdolali Abdipour, Gholamreza Moradi, "Fully Distributed Analysis of MOS Transistor at Millimeter-Wave Band Based on Matrix-Functions of the Three Line Active Transmission Lines Model", *APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL*, Vol. 31, Num. 11, Page 1330-1336, October 2016,

- 55 Hamed Khoshniyat, Abdolali Abdipour, Gholamreza Moradi, "Nonlinear modeling, time-domain analysis and simulation of non-Foster elements", *International Journal of Microwave and Wireless Technology*, Vol. 0, Num. 0, Page 1-9, September 2016,
- 56 Iman Aryanian, Abdolali Abdipour, Abbas Mohammadi, "Design, Simulation and Fabrication of a Wide Bandwidth Envelope Tracking Power Amplifier", *APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL*, Vol. 31, Num. 10, Page 1202-1207, September 2016,
- 57 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, "Nonlinear Analysis and Performance Improvement of Amplifying Aperture Coupled Reflectarray Antenna", *APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL*, Vol. 31, Num. 10, Page 1164-1169, September 2016,
- 58 Abdolali Abdipour, Hanieh Aliakbari Abar, Mahsa Keshavarz Hedayati, "Modeling and analysis of high mmw and terahertz circuits and systems (achievements and challenges)", , Vol. 18, Num. 70, Page 131-132, August 2016,
- 59 Amir Vaezi, Abdolali Abdipour, Abbas Mohammadi, Fadhel M. Ghannouchi2, "Analysis of MIMO-OFDM system impaired by nonlinear dual-band power amplifiers", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 88, Num. 2, Page 1-8, August 2016,
- 60 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, "Design and Simulation of a Reflectarray Antenna Using New Cell for Different Beam Angles", *International Journal of Grid and Distributed Computing*, Vol. 9, Num. 6, Page 93-102, July 2016,
- 61 Faramarz Jabbarvaziri, Mostafa Alizadeh, Abbas Mohammadi, Abdolali Abdipour, "Low-complexity method for primary synchronisation in the third generation partnership project long term evolution downlink system", *IET COMMUNICATIONS*, Vol. 10, Num. 10, Page 1229-1235, June 2016,
- 62 Farzaneh Daneshmandian, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Nonlinear distributed analysis of traveling wave amplifier in CMOS technology using FDTD method", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 0, Num. 0, Page 1-5, March 2016,
- 63 Mohammad Mahdi Honari, Laleh Mirzavand, Rashid Mirzavand Borujeni, Abdolali Abdipour, Pedram Mousavi, "Theoretical Design of Broadband Multisection Wilkinson Power Dividers with Arbitrary Power Split Ratio", *IEEE Transactions on Components Packaging and Manufacturing Technology*, Vol. 6, Num. 0, Page 1-8, February 2016,
- 64 Mehrdad Moradi, Reza Sarraf Shirazi, Abdolali Abdipour, "Design and Non-Linear Modeling of a Wide Tuning Range Four-Plate MEMS Varactor with High Q-Factor for RF Application", *APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL*, Vol. 31, Num. 2, Page 180-186, February 2016,
- 65 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, "Design fabrication and test of an X-band dual polarized aperture coupled reflectarray element for beam switching", *TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES*, Vol. 1, Num. 1, Page 1-20, January 2016,
- 66 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, "Studying the nonlinear performance of an amplifying reflectarray antenna", *International Journal of Microwave and Wireless Technology*, Vol. 0, Num. 0, Page 1-11, December 2015,
- 67 Armin Ghorssi Anbaran, Abbas Mohammadi, Abdolali Abdipour, "Capacity Enhancement of Ad Hoc Networks Using a New Single-RF Compact Beamforming Scheme", *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION*, Vol. 63, Num. 11, Page 1-9, November 2015,
- 68 Hanieh Aliakbari Abar, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Concurrent Dual-Band Power Amplifier using Coupling Matching Network for 60 GHz WPAN Applications", *Microelectronics and Solid State Electronics*, Vol. 4, Num. 1, Page 1-7, October 2015,
- 69 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, "Nonlinear Analysis of Active Aperture Coupled Reflectarray Antenna Containing Varactor Diode", *APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL*, Vol. 30, Num. 10, Page 1102-1108, October 2015,
- 70 Zahra Seifi, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Distributed Signal and Noise Modeling of Millimeter Wave Transistor Based on CMOS Technology", *APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL*, Vol. 30, Num. 8, Page 915-921, August 2015,
- 71 Farzaneh Daneshmandian, Abdolali Abdipour, Rashid Mirzavand Borujeni, "A Three-Conductor Transmission Line Model for MOS Transistors", *APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL*, Vol. 30, Num. 6, Page 670-676, June 2015,

- 72 M.M.Honari, Rashid Mirzavand Borujeni, Pedram Mousavi, Abdolali Abdipour, "Class of miniaturised/arbitrary power division ratio couplers with improved design flexibility", *IET MICROWAVES ANTENNAS & PROPAGATION*, Vol. 9, Num. 0, Page 1-8, June 2015,
- 73 Armin Ghorssi Anbaran, Abbas Mohammadi, Abdolali Abdipour, "Capacity Enhancement of Ad Hoc Networks using a New Beamforming Scheme Based on ESPAR", *Amirkabir International Journal of Electrical and Electronics Engineering*, Vol. 45, Num. 2, Page 19-28, December 2014,
- 74 Hamed Khoshniyat, Abdolali Abdipour, Gholamreza Moradi, "Fully Distributed Modeling, Analysis and Simulation of an Improved Non-Uniform Traveling Wave Structure", *Amirkabir International Journal of Modeling, Identification, Simulation & Control*, Vol. 46, Num. 2, Page 47-52, November 2014,
- 75 Reza Zaker, Abdolali Abdipour, Ahad Tavakoli, Rashid Mirzavand Borujeni, "Nonlinear analysis, design and radiation study of a single-beam CORPS-like active antenna array feed network integrated with single power amplifier, using a frequency-dependent behavioral model", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. --, Num. 0, Page 0-0, October 2014,
- 76 Laleh Mirzavand Broujeni, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Time Domain Analysis of GaAs MESFET Transistors Excited by an Incident Electromagnetic Field", *APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL*, Vol. 29, Num. 10, Page 821-827, October 2014,
- 77 Hanieh Aliakbari Abar, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Accurate Time - Domain Modeling of Multi-Finger pHEMT Transistor based on Transmission Line Theory", *AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS*, Vol. 1, Num. 1, Page 1-8, September 2014,
- 78 Mohsen Hayati, Farzin Shama, Sobhan Roshani, Abdolali Abdipour, "Linearization design method in class F power amplifier using artificial neural network", *Journal of Computational Electronics*, Vol. 1, Num. 1, Page 1-7, August 2014,
- 79 Reza Zaker, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Closed-Form Design of Gysel Power Divider With Only One Isolation Resistor", *IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS*, Vol. 1, Num. 1, Page 1-3, June 2014,
- 80 Reza Ebrahimi Ghiri, Abbas Mohammadi, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Power Amplifier Linearization Using Six-port Receiver for DVB-S2 Satellite Communications", *Amirkabir International Journal of Electrical and Electronics Engineering*, Vol. 45, Num. 1, Page 51-58, June 2014,
- 81 Ali Kheirdoostoom, Gholamreza Moradi, Elkholy, Abdolali Abdipour, Fathy, "Modeling and Jitter Improvement of SRD-Based Ultra-Wideband Pulse Generator", *IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES*, Vol. 62, Num. 8, Page 1736-1747, June 2014,
- 82 Reza Zaker, Abdolali Abdipour, Ahad Tavakoli, "Full-wave simulation, design and implementation of a new combination of antenna array feed network integrated in low profile microstrip technology", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 1, Num. 1, Page 1-11, May 2014,
- 83 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, "Design and Efficient Analysis of Large ReflectArray Antenna", *Amirkabir International Journal of Electrical and Electronics Engineering*, Vol. 46, Num. 1, Page 49-58, April 2014,
- 84 Rasool Keshavarz, Abbas Mohammadi, Abdolali Abdipour, "A Quad Band Distributed Amplifier with E-CRLH Transmission Line", *IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES*, Vol. 61, Num. 12, Page 1-8, December 2013,
- 85 Hossein Hemesi, Abdolali Abdipour, Abbas Mohammadi, "Statistical modeling of a nonlinear high-power amplifier with memory in MIMO-OFDM systems", *IET COMMUNICATIONS*, Vol. 1, Num. 1, Page 1-32, December 2013,
- 86 Mahdi Majidi, Abbas Mohammadi, Abdolali Abdipour, "Analysis of the Power Amplifier Nonlinearity on the Power Allocation in Cognitive Radio Networks", *IEEE TRANSACTIONS ON COMMUNICATIONS*, Vol. 2013, Num. 12, Page 1-11, December 2013,
- 87 Mohammad Lari, Abbas Mohammadi, Abdolali Abdipour, Inkyu Lee, "Characterization of Effective Capacity in Antenna Selection MIMO Systems", *JOURNAL OF COMMUNICATIONS AND NETWORKS*, Vol. 15, Num. 5, Page 476-485, November 2013,
- 88 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, "Design, Simulation and Performance Comparison of Radiation Elements for a Reflect Array Antenna", , Vol. 5, Num. 0, Page 1-8, September 2013,

- 89 Kambiz Afrooz, Abdolali Abdipour, F.Martin, "BROADBAND BANDPASS FILTER USING OPEN COMPLEMENTARY SPLIT RING RESONATOR BASED ON METAMATERIAL UNIT-CELL CONCEPT", *MICROWAVE AND OPTICAL TECHNOLOGY LETTERS*, Vol. 54, Num. 12, Page 2832-2835, December 2012,
- 90 Mahdi Majidi, Abbas Mohammadi, Abdolali Abdipour, "Accurate analysis of spectral regrowth of nonlinear power amplifier driven by cyclostationary modulated signals", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 2012, Num. 12, Page 1-13, December 2012,
- 91 Mohammad Lari, Abbas Mohammadi, Abdolali Abdipour, "New Throughput Based Antenna Selection Scheme", *TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES*, Vol. 1, Num. 1, Page 1-8, December 2012,
- 92 Seyed Amir Hashemi, Hassan Ghafori Fard, Abdolali Abdipour, "Extension of the LTV phase noise model of electrical oscillators for the output harmonics", *IEICE TRANSACTIONS ON ELECTRONICS*, Vol. E95-C, Num. 12, Page 1846-1856, December 2012,
- 93 Hossein Hemesi, Abdolali Abdipour, Abbas Mohammadi, "Analytical Modeling of MIMO-OFDM System in the Presence of Nonlinear Power Amplifier with Memory", *IEEE TRANSACTIONS ON COMMUNICATIONS*, Vol. 1, Num. 1, Page 1-9, November 2012,
- 94 Iman Aryanian, Abdolali Abdipour, Abbas Mohammadi, Ehsan Arianyan, "Design and Simulation of a Wideband Hybrid Envelope Tracking Power Amplifier Using LDMOS Transistor", *International Journal of Computer And Electrical Engineering*, Vol. 4, Num. 5, Page 799-802, October 2012,
- 95 Seyed Amir Hashemi, Hassan Ghafori Fard, Abdolali Abdipour, "Amplitude Noise of Electrical Oscillators Based on the LTV Model", *ELEKTRONIKA IR ELEKTROTEHNIKA*, Vol. 18, Num. 8, Page 31-36, October 2012,
- 96 Rashid Mirzavandeborjeni, Mohammad Mehdi Honarri Kalateh, Abdolali Abdipour, Gholamreza Moradi, "Compact Microstrip Wilkinson Power Dividers With Harmonic Suppression and Arbitrary Power Division Ratios", *IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES*, Vol. 60, Num. 12, Page 1-7, October 2012,
- 97 Mohammad Mehdi Honarri Kalateh, Rashid Mirzavand Borujeni, Abdolali Abdipour, "Corrections to "An Ultra-Broad-Band Reflection-Type Phase-Shifter MMIC with Series and Parallel LC Circuits"", *IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES*, Vol. 60, Num. 11, Page 1-1, September 2012,
- 98 Mohammad Lari, Abbas Mohammadi, Abdolali Abdipour, Inkyu Lee, "SER Computation in M-QAM Systems with Phase Noise", *WIRELESS PERSONAL COMMUNICATIONS*, Vol. 2012, Num. 0, Page 1-13, August 2012,
- 99 Amir Vaezi, Abdolali Abdipour, Abbas Mohammadi, "Nonlinear analysis of microwave amplifiers excited by multicarrier modulated signals using envelop transient technique", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 73, Num. 1, Page 1-11, June 2012,
- 100 Mahdi Yousefi Koopaei, Mohammad Mosalanejad, Gholamreza Moradi, Abdolali Abdipour, "Dual Band Planar Hybrid Coupler with Enhanced Bandwidth Using Particle Swarm Optimization Technique", *IEICE ELECTRONICS EXPRESS*, Vol. 9, Num. 12, Page 1030-1035, June 2012,
- 101 Seyed Amir Hashemi, Hassan Ghafori Fard, Abdolali Abdipour, "Superposition properties of the phase noise based on the LTV model", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 72, Num. 1, Page 1-4, June 2012,
- 102 Rashid Mirzavandeborjeni, Abdolali Abdipour, Gholamreza Moradi, Masood Movahhedi, "Unconditionally Stable MFLTD Method for the Full Wave Electromagnetic Simulation", *IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION*, Vol. 60, Num. 5, Page 2583-2586, May 2012,
- 103 Mohammad Hossein Madani, Abdolali Abdipour, Abbas Mohammadi, "Analysis of effect of high-power amplifier modelling on the performance of orthogonal frequency division multiplexing transceiver for wireless communications", *IET SCIENCE MEASUREMENT & TECHNOLOGY*, Vol. 1, Num. 3, Page 1-9, April 2012,
- 104 Mohammad Lari, Abbas Mohammadi, Abdolali Abdipour, Lee, "characterization of effective capacity in AF relay systems", *IEICE ELECTRONICS EXPRESS*, Vol. 9, Num. 7, Page 679-684, April 2012,
- 105 Ali Kheirdoostoom, Gholamreza Moradi, Abdolali Abdipour, "An Analytical Formulation for Black Box Conversion Matrix Extraction", *IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES*, Vol. 60, Num. 4, Page 1-7, April 2012,

- 106 Mohammad Mehdi Honarri Kalateh, Abdolali Abdipour, Gholamreza Moradi, "Aperture-coupled multi-layer broadband ring-patch antenna array", *IEICE ELECTRONICS EXPRESS*, Vol. 9, Num. 4, Page 250-255, February 2012,
- 107 Rashid Mirzavandeborojeni, Abdolali Abdipour, W.H.A. Schilders, Gholamreza Moradi, Masood Movahhedi, "Locally one-dimensional finite-difference time-domain scheme for the full-wave semiconductor device analysis", *IET SCIENCE MEASUREMENT & TECHNOLOGY*, Vol. 6, Num. 6, Page 1-7, December 2011,
- 108 Hamed Golestaneh, Abdolali Abdipour, Abbas Mohammadi, "Nonlinear modeling and analysis of a Doherty power amplifier driven by non-constant envelope signals", *ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING*, Vol. 1, Num. 1, Page 1-13, December 2011,
- 109 Mohammad Mehdi Honarri Kalateh, Abdolali Abdipour, Gholamreza Moradi, "Bandwidth and Gain Enhancement of an Aperture Antenna With Modified Ring Patch", *IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS*, Vol. 10, Num. 1, Page 1413-1416, December 2011,
- 110 Kambiz Afrooz, Abdolali Abdipour, F.Martin, "Time domain analysis of one-dimensional linear and non-linear composite right/left-handed transmission lines using finite-difference time-domain method", *IET MICROWAVES ANTENNAS & PROPAGATION*, Vol. 1, Num. 1, Page 1-14, December 2011,
- 111 Rashid Mirzavandeborojeni, Abdolali Abdipour, Gholamreza Moradi, Masood Movahhedi, "Meshless physical simulation of semiconductor devices using a wavelet-based nodes generator", *IEICE ELECTRONICS EXPRESS*, Vol. 8, Num. 21, Page 1757-1762, November 2011,
- 112 Fatemeh Taghiyan, Abdolali Abdipour, Abbas Mohammadi, Parisa Momen Roodaki, "Nonlinear Analysis and Design of a mm-wave Wideband Doherty Power Amplifier", *International Journal of Energy Engineering*, Vol. 1, Num. 2, Page 82-84, November 2011,
- 113 Rasoul Keshavarzi, Masoud Movahedi, Abdolali Abdipour, "A broadband and compact asymmetrical backward coupled-line coupler with high coupling level", *AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS*, Vol. 11, Num. 11, Page 1-6, November 2011,
- 114 Parisa Momen Roodaki, Fatemeh Taghiyan, Abbas Mohammadi, Abdolali Abdipour, "A 28 GHz Linear Envelope Tracking-Power Amplifier for LMDS Applications", *International Journal of Energy Engineering*, Vol. 1, Num. 2, Page 62-65, November 2011,
- 115 Amir Vaezi, Abdolali Abdipour, Abbas Mohammadi, "Analysis of nonlinear microwave Circuits excited by Multi-tone signals using Artificial Frequency Mapping Method", *INFORMACIJE MIDEM-JOURNAL OF MICROELECTRONICS ELECTRONIC COMPONENTS AND MATERIALS*, Vol. 41, Num. 3, Page 182-185, October 2011,
- 116 Rashid Mirzavandeborojeni, Abdolali Abdipour, Gholamreza Moradi, Masoud Movahhedi, "Global modeling of nonlinear circuits using the finite-difference Laguerre time-domain/alternative direction implicit finite-difference time-domain method with stability investigation", *INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS*, Vol. 1, Num. 1, Page 1-13, October 2011,
- 117 Kambiz Afrooz, Abdolali Abdipour, "Efficient Method for Time-Domain Analysis of Lossy Nonuniform Multiconductor Transmission Line Driven by a Modulated Signal Using FDTD Technique", *IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY*, Vol. ., Num. 0, Page 1-13, September 2011,
- 118 Masoud Dahmardeh, Ayaz Ghorbani, Abdolali Abdipour, "Improved slow-wave active transmitting antenna with photonic band-gap and defected ground structure", *AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS*, Vol. in press, Num. 1, Page 1-6, July 2011,
- 119 Reza Zaker, Abdolali Abdipour, "Bandwidth Enhancement and Miniaturization of Fork-Shaped Monopole Antenna", *IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS*, Vol. 10, Num. 10, Page 697-700, July 2011,
- 120 Mahsa Keshavarz Hedayati, Gholamreza Moradi, Abdolali Abdipour, "Improved dual-frequency Wilkinson power dividers with Defected Ground Structure", *IEICE ELECTRONICS EXPRESS*, Vol. 8, Num. 11, Page 808-813, June 2011,
- 121 Mahshad Hamedanian, Abbas Mohammadi, Abdolali Abdipour, "Joint Antenna Selection and Adaptive Modulation in MIMO Systems in the Presence of CSI Imperfection", *International Journal of Information and Communication Technology(IJICT)*, Vol. 3, Num. 3, Page 27-33, June 2011,
- 122 Ahad Tavakoli, Hamid Heydar, Abdolali Abdipour, "Analysis of the radar range extension in open-ended waveguide type geometries", *IEICE ELECTRONICS EXPRESS*, Vol. 8, Num. 9, Page 663-669, May 2011,

- 123 Hamed Khoshniyat, Gholamreza Moradi, Abdolali Abdipour, Kambiz Afrooz, "Optimization and Fully Distributed Analysis of Single Pole Single Throw Traveling Wave Switches at Millimeter Wave Frequency Band", *(IJICT)International Journal of Information and Communication Technology*, Vol. 3, Num. 2, Page 19-25, April 2011,
- 124 Rashid Mirzavandeborjeni, Abdolali Abdipour, Gholamreza Moradi, Masood Movahhedi, "Full-wave semiconductor devices simulation using meshless and finite-difference time-domain approaches", *IET MICROWAVES ANTENNAS & PROPAGATION*, Vol. 5, Num. 6, Page 685-691, April 2011,
- 125 Reza Zaker, Abdolali Abdipour, "Dual-wideband circularly-polarised slot antenna using folded L-shaped stub", *ELECTRONICS LETTERS*, Vol. 47, Num. 6, Page 361-363, March 2011,
- 126 Reza Keshavarzi, Ahmad Hakimi, Abdolali Abdipour, "A NOVEL BROAD BANDWIDTH AND COMPACT BACKWARD COUPLER WITH HIGH COUPLINGLEVEL", *JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS*, Vol. 25, Num. 0, Page 0-0, January 2011,
- 127 Mohammad Reza Keshavarzi, Abbas Mohammadi, Abdolali Abdipour, Fadhel M. Ghannouchi, "Characterization of DC offset on adaptive MIMO Direct conversion transceivers", *IEICE TRANSACTIONS ON COMMUNICATIONS*, Vol. 0, Num. 1, Page 253-261, January 2011,
- 128 Rashid Mirzavandeborjeni, Abdolali Abdipour, Gholamreza Moradi, Masoud Movahhedi, "CFS-PML Implementation for the Unconditionally Stable FDLTD Method", *JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS*, Vol. 25, Num. 0, Page 879-888, January 2011,
- 129 Mohammad Mehdi Rahmati, Abdolali Abdipour, Abbas Mohammadi, Gholamreza Moradi, "An Analytic Approach for CDMA Output of Feedforward Power Amplifier", *Analog Integrated signal Proc. Journal*, Vol. 0, Num. 0, Page 0-0, September 2010,
- 130 Rashid Mirzavandeborjeni, Abbas Mohammadi, Abdolali Abdipour, "Novel five-port receiver using metamaterial transmission line for broadband systems", *International Journal on Electronics & Communications(AEU)*, Vol. 0, Num. 0, Page 0-0, September 2010,
- 131 Reza Zaker, Abdolali Abdipour, "A Very Compact Ultra-wideband Printed Omini-directional Monopole Antenna", *IEEE Antenna and Wireless propagation Letters*, Vol. 0, Num. 9, Page 0-0, June 2010,
- 132 Mohammad Hossein Madani, Abdolali Abdipour, Abbas Mohammadi, "Analytical Performance Evaluation of the OFDM Systems in the Presence of Jointly Fifth Order Nonlinearity and Phase Noise", *Journal of Analog Integrated Circuits and Signal Processing*, Vol. 0, Num. 0, Page 0-0, June 2010,
- 133 Mohammad Hossein Madani, Abdolali Abdipour, Abbas Mohammadi, "Analysis of performance degradation due to nonlinearity and phase noise in orthogonal frequency division multiplexing systems", *IET Communications*, Vol. 0, Num. 0, Page 0-0, April 2010,
- 134 Reza Bahri, Abdolali Abdipour, Gholamreza Moradi, "Design of three new types of active quasi-circulator modules", , Vol. , Num. 3, Page 0-0, March 2010,
- 135 Mohammad Reza Keshavarzi, Hossein Hemesi, Abbas Mohammadi, Abdolali Abdipour, "DC compensated adaptive modulation in MIMO systems", , Vol. , Num. 2, Page 0-0, February 2010,
- 136 Rashid Mirzavandeborjeni, Abdolali Abdipour, Gholamreza Moradi, "FULL-WAVE SEMICONDUCTOR DEVICES SIMULATION USING ADI-FDTD METHOD", *Progress In Electromagnetics Research*, Vol. 0, Num. 0, Page 0-0, February 2010,
- 137 Amir Vaezi, Abdolali Abdipour, Kambiz Afrooz, "Numerical Study of Behavioural Sub -Harmonically Pumped Mixer in a Novel Structure", , Vol. , Num. 10, Page 0-0, October 2009,
- 138 Mohammad Reza Keshavarzi, Gholamreza Moradi, Abdolali Abdipour, Abbas Mohammadi, "Study the Influence of Transmission Line Loss on the Performance of Matrix Amplifiers", , Vol. , Num. 17, Page 0-0, October 2009,
- 139 Reza Bahri, Abdolali Abdipour, Gholamreza Moradi, "Analysis and Design of New Active Quasi Circulator and Circulators", , Vol. , Num. 96, Page 0-0, October 2009,
- 140 Amir Vaezi, Abdolali Abdipour, Abbas Mohammadi, "A novel approach to analysis of non linear circuits excited by modulated signal", *Informacije MIDEM Journal of microelectronic, Electronic components and materials*, Vol. 0, Num. 39, Page 0-0, September 2009,

- 141 Pegah Takook, Abdolali Abdipour, Gholamreza Moradi, Ahad Tavakoli, "Nonlinear Modeling, Analysis and design of an active antenna in S frequency band", *Amirkabir Journal*, Vol. 41, Num. 1, Page 37-43, June 2009,
- 142 Rashid Mirzavandeborojeni, Babak Honarbakhsh, Abdolali Abdipour, Ahad Tavakoli, "Metamaterial-Based Phase Shifters for Ultra Wide-Band Applications", , Vol. , Num. 23, Page 0-0, May 2009,
- 143 Nahid Vahabi Sani, Abbas Mohammadi, Abdolali Abdipour, "Analysis of Multiport Receivers Using FDTD Technique", , Vol. , Num. 5, Page 0-0, May 2009,
- 144 Rashid Mirzavandeborojeni, Abbas Mohammadi, Abdolali Abdipour, "Low -Cost Implementation of Broadband Microwave Receivers in Ka-Band Using Multiport Structures", , Vol. , Num. 3, Page 0-0, April 2009,
- 145 Kambiz Afrooz, Abdolali Abdipour, "Time-domain analysis of lossy active transmission lines using FDTD method", , Vol. , Num. 63, Page 0-0, March 2009,
- 146 Hamid Vahdati, Abdolali Abdipour, "Nonlinear Stability Analysis of Microwave Oscillators Using Circuit Envelope Technique", , Vol. , Num. 2, Page 0-0, February 2009,
- 147 Masoud Movahedi, Abdolali Abdipour, "Complex frequency shifted-perfectly matched layer for the finite-element time-domain method", , Vol. , Num. 63, Page 0-0, January 2009,
- 148 Mohammad Reza Keshavarzi, Abbas Mohammadi, Abdolali Abdipour, "The Impact of IQ Imbalance on the BER of Adaptive Modulation in the MIMO System", *Iranian Communication and Information Technology*, Vol. 1, Num. 0, Page 1-8, January 2009,
- 149 Kambiz Afrooz, Abdolali Abdipour, Ahad Tavakoli, Masoud Movahedi, "Nonlinear and Fully Distributed Field Effect Transistor Modelling Procedure Using Time -Domain Method", , Vol. , Num. 8, Page 0-0, June 2008,
- 150 [en-name N/A], Abdolali Abdipour, Ahad Tavakoli, Gholamreza Moradi, "Performance Amelioration of an Active Integrated Spiral Antenna System for UWB Applications", , Vol. , Num. 1, Page 0-0, May 2008,
- 151 Hossein Hemesi, Farzin Azami, Armin Ghorssi Anbaran, Abdolali Abdipour, Abbas Mohammadi, "Low-complexity channel and frequency offset estimation in MIMO systems", , Vol. , Num. 9, Page 0-0, April 2008,
- 152 Hamid Vahdati, Abdolali Abdipour, "Nonlinear Stability Analysis of Microwave Oscillators Using The Periodic Averaging Method", , Vol. , Num. 79, Page 0-0, January 2008,
- 153 Hamid Vahdati, Abdolali Abdipour, "Nonlinear Stability Analysis of an Oscillator With Distributed Element Resonator", , Vol. , Num. 80, Page 0-0, January 2008,
- 154 Hossein Emami, Abbas Mohammadi, Abdolali Abdipour, Rashid Mirzavandeborojeni, "Modeling and Simulation of Microwave Radiation Effect on Frequency- and Temperature-Dependent Materials Using FDTD Method", *Iranian journal of electrical and computer engineering*, Vol. 3, Num. 5, Page 0-0, September 2007,
- 155 Kambiz Afrooz, Abdolali Abdipour, Ahad Tavakoli, Masoud Movahedi, "Time Domain Analysis of Active Transmission Line Using FDTD Technique (Application to Microwave /MM-Wave Transistors)", , Vol. , Num. 77, Page 0-0, July 2007,
- 156 Abdolali Abdipour, Abbas Mohammadi, "Modeling and Analysis of a Nonlinear Fully Distributed FET Using FDTD Technique", , Vol. , Num. 6, Page 0-0, July 2007,
- 157 Masoud Movahedi, Abdolali Abdipour, "Alternating -Direction Implicit Formulation of The Finite-Element Time-Domain Method", , Vol. , Num. 6, Page 0-0, June 2007,
- 158 Gholamreza Moradi, Abdolali Abdipour, "Measuring The Permittivity of Dielectric Materials Using Str Approach", , Vol. , Num. 77, Page 0-0, June 2007,
- 159 Farnaz Shayegh, Abbas Mohammadi, Abdolali Abdipour, Vafa Sedghi, Rashid Mirzavandeborojeni, "The Signal and Noise Analysis of Direct Conversion EHM Transceivers", , Vol. , Num. 1, Page 0-0, June 2007,
- 160 Mehrbod Mohajer Jasebi, Abbas Mohammadi, Abdolali Abdipour, "Direct Conversion Receivers Using Multiport Structures for Software -Defined Radio Systems", , Vol. , Num. 2, Page 0-0, April 2007,
- 161 Abbas Mohammadi, Farnaz Shayegh, Abdolali Abdipour, Rashid Mirzavandeborojeni, "Direct Conversion EHM Transceivers Design for Millimeter - Wave Wireless Applications", , Vol. , Num. 1, Page 0-0, January 2007,

- 162 Masoud Movahedi, Abdolali Abdipour, Hajdin Ceric, [en-name N/A], Siegfried Selberherr, "Optimization of The Perfectly Matched Layer For The Finite -Element Time -Domain Method", , Vol. , Num. 17, Page 0-0, January 2007,
- 163 Abdolali Abdipour, Gholamreza Moradi, "CAD- Oriented Signal and Noise Modeling of mm- Wave FETs :a Wave Approach", , Vol. , Num. 5, Page 0-0, January 2007,
- 164 Zahra Ghanian, Abdolali Abdipour, Ayaz Ghorbani, "Nonlinear Analysis , Design, and Implementation of a VCO in S Frequency Band", , Vol. , Num. 2, Page 0-0, October 2006,
- 165 Yusef Soltani Mohammadi, Abdolali Abdipour, Abbas Mohammadi, Gholamreza Moradi, "Efficient Numerical Simulation of GaAs MESFETs Based on Energy model and Using Interpolating Wavelet", , Vol. , Num. 19, Page 0-0, October 2006,
- 166 Masoud Movahedi, Abdolali Abdipour, "Efficient Numerical Methods For Simulation of High-Frequency Active Devices", , Vol. , Num. 6, Page 0-0, June 2006,
- 167 Kaveh Berenji, Abdolali Abdipour, Abbas Mohammadi, "A New Circuit Envelope Simulation Technique for Analysis of Microwave Circuits", , Vol. , Num. 1, Page 0-0, March 2006,
- 168 Masoud Movahedi, Abdolali Abdipour, Mehdi Dehghan, "Accelerating the Transient Simulation of Semiconductor Devices using Filter-Bank Transforms", , Vol. , Num. 19, Page 0-0, February 2006,
- 169 Gholamreza Moradi, Abdolali Abdipour, "Performance Amelioration of 2X4 and 3 X4 Matrix Amplifiers", , Vol. , Num. 3, Page 0-0, December 2004,
- 170 Abdolali Abdipour, Gholamreza Moradi, "A cad - oriented simultaneous signal and noise modeling and analysis of mm-wave FET Structures", , Vol. , Num. , Page 0-0, December 2004,
- 171 [en-name N/A], Abdolali Abdipour, [en-name N/A], "A New Algorithm for Noise Parameters Extraction of Microwave Two-Ports", *iranian journal of electrical and computer engineering*, Vol. 2, Num. 1, Page 41-45, June 2004,
- 172 Ramin Khosravi, Abdolali Abdipour, "A new wave approach for signal and noise modelling of microwave/mm-wave fet based on greens function concept", , Vol. , Num. 90, Page 0-0, May 2003,
- 173 Abdolali Abdipour, [en-name N/A], Zahra Ghanian, "Design, Graphic Optimization and Nonlinear Analysis of Power Amplifier in Ka Frequency Band", *Modarres Technical and Engineering*, Vol. 7, Num. 7, Page 35-50, March 2002,
- 174 Gofinoosh Shahinrad, Ayaz Ghorbani, Abdolali Abdipour, "Design, Analysis and Fabrication of Low-Noise Amplifier in S Band Using Pospieszalskis Noise Model", *International Journal of Engineering Sciences*,, Vol. 13, Num. 1, Page 97-107, March 2002,
- 175 Gholamreza Moradi, Abdolali Abdipour, Ayaz Ghorbani, "Simultaneous signal and noise analysis and modeling of a travelling wave FET mixer", , Vol. 0, Num. 48, Page 0-0, December 2001,
- 176 Reza Firuzabadi, Abdolali Abdipour, Muhammad Ghiaami, "Simultaneous signal and noise analysis of a balanced microwave mixer", , Vol. , Num. , Page 0-0, June 2001,
- 177 [en-name N/A], Abdolali Abdipour, "Field analysis of multiconductor transmission lines based on eigen value and eigen vector approach(application to microwave FETs)", , Vol. , Num. , Page 0-0, April 2001,
- 178 Abdolali Abdipour, Reza Firuzabadi, Navid Safai Haeri, "Noise analysis and simulation of a microwave frequency divider", , Vol. 0, Num. 0, Page 0-0, December 2000,
- 179 Gholamreza Moradi, [en-name N/A], Abdolali Abdipour, "Design and Fabrication of Parallel Amplifier in Microstrip Structure", *Journal of Technical Department - University of Tabriz*, Vol. 2, Num. 23, Page 51-59, March 2000,
- 180 Abdolali Abdipour, .A Pacand, P. Barean, "A new noise measurement meyhod of noise parametrs at microwave frequencies", , Vol. , Num. 4, Page 0-0, January 1997,
- 181 Abdolali Abdipour, .A Pacand, "Complete sliced model of microwave FET and comparison with lumped model and experimental results", , Vol. , Num. 1, Page 0-0, January 1996,

- 1 Zahra Mazani, Abdolali Abdipour, Kambiz Afrooz, "Integrated Active Diplexer-Leaky Wave Antenna Using Distributed Amplifier and CRLH Transmission Line ", 2020 10th International Symposium on Telecommunications:, December 2020
- 2 Zahra Seifi, Ayaz Ghorbani, Abdolali Abdipour, "Time-Domain Analysis of Radiated Susceptibility in Nonlinearly Loaded Transmission Lines ", The 28th Iranian Electrical Engineering Conference (ICEE2020), August 2020
- 3 Mohammad Mehdi Samadi Taheri, Abdolali Abdipour, S.Zhang, G.F.Pedersen, "Millimeter-Wave Wide Scan Beam Steering 5G MIMO Antenna Array in Mobile Terminals ", 14th IEEE European Conference on Antennas and Propagation (EuCAP),, March 2020
- 4 Amir Minoofar, Amirnader Askarpour, Abdolali Abdipour, "Efficiency and Crosstalk in Demultiplexing Orbital Angular Momentum Modes using a Geometrical Transformation-based Mode Sorter ", Iran Workshop on Communication and Information Theory, April 2019
- 5 Mehran Hazer Sahlabadi, Abdolali Abdipour, Abbas Mohammadi, "An Improved Performance Ka-Band Low Noise Amplifier and On-Chip Transmission Line Modeling in 0.18 um CMOS Technology ", ICEE2019, April 2019
- 6 Mehran Hazer Sahlabadi, Abdolali Abdipour, Abbas Mohammadi, "A Seven-Port Receiver for MIMO 2x2 Communication Systems ", ICEE2019, April 2019
- 7 Somaye Kaviani Dezaki, Amirnader Askarpour, Abdolali Abdipour, "On the Possibility of Improving the Average Chirality and Dissymmetry Factor Using Periodic Structures ", The 5th international conference on Millimeter wave and terahertz technologies, December 2018
- 8 Farzaneh Daneshmandian, Abdolali Abdipour, Amirnader Askarpour, "Full wave Modeling and Analysis of Plasmonic HEMT performance ", The 5th international conference on Millimeter wave and terahertz technologies, December 2018
- 9 Sedigheh Kouhpayeh Zadeh Esfahani, Abdolali Abdipour, Kambiz Afrooz, "Frugal Sampling Method for Analysis of Modulating Pulses in Nonlinear-loaded Transmission Lines at mm-wave Frequency ", The 5th international conference on Millimeter wave and terahertz technologies, December 2018
- 10 Mohammad Mehdi Samadi Taheri, Abdolali Abdipour, Gert Frolund Pedersen, "Compact penta band printed slot antenna for GSM, Bluetooth, WiMAX, 4G LTE, and WLAN applications ", 11th European Conference on Antennas and Propagation, March 2017
- 11 Hanieh Aliakbari Abar, Abdolali Abdipour, Alessandra Costanzo, Diego Masotti, Rashid Mirzavand, Pedram Mousavi, "Performance Investigation of Space Diversity for a 28/38 GHz MIMO Antenna (Applicable to mm-Wave mobile network) ", The fourth international conference on Millimeter wave and terahertz technologies, December 2016
- 12 Mahsa Keshavarz Hedayati, Abdolali Abdipour, Reza Sarraf Shirazi, Matthias John, Max Ammann, Robert Bogdan Staszewski, "A 38 GHz On-Chip Antenna in 28-nm CMOS using Artificial Magnetic Conductor for 5G Wireless Systems ", The fourth international conference on Millimeter wave and terahertz technologies, December 2016
- 13 Mehrdad Nosrati, Abdolali Abdipour, N.Tavassolian, "Wideband Circularly Polarized Antenna Using Parasitic Strip, Stub and Slot ", 2016 IEEE AP-S International symposium on antenna and propagation, June 2016
- 14 Hanieh Aliakbari Abar, Abdolali Abdipour, Alessandra Costanzo, Rashid Mirzavand Borujeni, Pedram Mousavi, "A Single Feed Dual-band Circularly Polarized Millimeter-wave Antenna for 5G Communication ", 10th European Conference on Antennas and Propagation (EuCAP, April 2016
- 15 Amir Afshani Aghajari, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Field modeling and analysis of terahertz transistor ", 3rd Conference on Millimeter-Wave and Terahertz Technologies, December 2014
- 16 Zahra Seifi, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Transmission Line Signal and Noise Modeling of Millimeter Wave CMOS Transistor and Application to LNA Design ", Iranian Conference on Electrical Engineering 2014, May 2014
- 17 Hanieh Aliakbari Abar, Abdolali Abdipour, "design and analysis of an integrated phase array transmitter in 90 nm CMOS technology ", The 5th conference of graduate scholars in nano technology, April 2014
- 18 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, "Design and Simulation of a Reflectarray Antenna using A New Hexagon Element ", (Asia-Pacific Microwave Conference 2013 (APMC 2013, November 2013

- 19 Laleh Mirzavand Broujeni, Rashid Mirzavand Borujeni, Abdolali Abdipour, Mohammad Mehdi Honarri Kalateh, "High Power Division Ratio Dividers for Millimeter-Wave Applications ", 21st Iranian Conference on Electrical Engineering (ICEE2013), May 2013
- 20 Farzaneh Daneshmandian, Abdolali Abdipour, Rashid Mirzavand Borujeni, "Design and Nonlinear Analysis of Traveling Wave Amplifier Based on 130nm CMOS Technology ", 21st Iranian Conference on Electrical Engineering (ICEE2013), May 2013
- 21 Armin Ghorssi Anbaran, Abbas Mohammadi, Abdolali Abdipour, "Capacity Enhancement in Vehicle to Roadside Networks Using ESPAR Technique ", 2013 IEEE International Wireless Symposium (IWS), April 2013
- 22 Mohammad Jafar Kazemi Najaf Abadi, Abdolali Abdipour, Abbas Mohammadi, "Indoor Propagation MIMO Channel Modeling in 60GHz Using SBR Based 3D Ray Tracing Technique ", The second conference on millimeter wave and Terahertz Technologies,, December 2012
- 23 Samaneh Afshar Delkhah, Abdolali Abdipour, Abbas Mohammadi, "Design of Optimum Grid Array Antenna in 60GHz Frequency Band ", The second conference on millimeter wave and Terahertz Technologies,, December 2012
- 24 Atieh Talebzadehgahroodi, Abbas Mohammadi, Abdolali Abdipour, "Miniaturized Branch-Line Coupler for 60 GHz Frequency Band Applications Using CMOS Technology ", The Second Conference on millimeter Wave & Terahertz Technologies, December 2012
- 25 Hanieh Aliakbari Abar, Abdolali Abdipour, Abbas Mohammadi, Rashid Mirzavandeborujeni, "Design and Hybrid Analysis of an Integrated 60 GHz Active Phased Array Transmitter Using a Power Amplifier and 360o Phase Shifter ", The second conference on millimeter wave and Terahertz Technologies,, December 2012
- 26 Mohammad Lari, Abbas Mohammadi, Abdolali Abdipour, Inkyu Lee, "Effective Capacity in Receive Antenna Selection and Spatially Correlated MIMO-STBC Systems ", sixth International Symposium on Telecommunication with emphasis on information and communication technology (IST2012, November 2012
- 27 Iman Aryanian, Abdolali Abdipour, Gholamreza Moradi, Ehsan Arianyan, "simulation and comparison of reflectarray antenna elements for satellite applications ", satellites for sustainable development, October 2012
- 28 Ebrahim Feizibarnaji, Gholamreza Moradi, Abdolali Abdipour, "Analyze, Design and Development of 1-26.5 Microstrip TRL calibration Kit ", Analyze, Design and Development of 1-26.5 Microstrip TRL calibration Kit, August 2012
- 29 Mohammad Mehdi Honarri Kalateh, Abdolali Abdipour, Gholamreza Moradi, "A Broadband Active Integrated Microstrip Antenna Array Design in Millimeter Wave Frequency Band ", (PIERS 2012 (Progress in Electromagnetics Research Symposium, August 2012
- 30 Hanieh Aliakbari Abar, Abdolali Abdipour, Abbas Mohammadi, Rashid Mirzavandeborujeni, "A Continues 360° CMOS Phase Shifter for 60GHz Phased Array Applications ", (PIERS 2012 (Progress in Electromagnetics Research Symposium, August 2012
- 31 Mohammad Mehdi Honarri Kalateh, Abdolali Abdipour, Gholamreza Moradi, "Millimeter-wave Design of Broadband Active Integrated Microstrip Patch Antenna ", Progress In Electromagnetics Research Symposium, March 2012
- 32 Tahmoore Zamanifaradonbeh, Abdolali Abdipour, Gholamreza Moradi, "A Modal Analysis of Coaxial to Waveguide Junction Discontinuity ", Progress In Electromagnetics Research Symposium, March 2012
- 33 Samaneh Afshar Delkhah, Abdolali Abdipour, "Nonlinear analysis and design of a power amplifier in 60 GHz frequency band ", IEEE Applied Electromagnetics Conference, December 2011
- 34 Mohammad Mehdi Honarri Kalateh, Abdolali Abdipour, Gholamreza Moradi, "A Broadband Aperture Coupled Microstrip Patch Antenna Design ", IEEE Applied Electromagnetics Conference, December 2011
- 35 Fatemeh Taghiyan, Abdolali Abdipour, Abbas Mohammadi, Parisa Momen Roodaki, "Design and Nonlinear Analysis of a Dual-Band Doherty Power Amplifier for ISM and LMDS Applications ", IEEE Applied Electromagnetics Conference, December 2011
- 36 Parisa Momen Roodaki, Abbas Mohammadi, Abdolali Abdipour, "Utilizing Five-Port Down-Converter in Adaptive Linearization of Base Station Envelope Tracking Power Amplifiers ", Asian Pacific Microwave Conference (APMC2011, December 2011

- 37 Fatemeh Taghiyan, Abdolali Abdipour, Abbas Mohammadi, Parisa Momen Roodaki, "Nonlinear Analysis and Design of a mm-wave Wideband Doherty Power Amplifier ", The 2nd International conference on Electrical and Control Engineering - ICECE2011, August 2011
- 38 Parisa Momen Roodaki, Abbas Mohammadi, Abdolali Abdipour, Fatemeh Taghiyan, "A 28 GHz Linear Envelope Tracking-Power Amplifier for LMDS Applications ", The 2nd International conference on Electrical and Control Engineering, August 2011
- 39 Rashid Mirzavandeborojeni, Abdolali Abdipour, Gholamreza Moradi, Masood Movahhedi, "FDLTD method for the Physical Simulation of Microwave FET Transistor ", 19th Iranian Conference on Electrical Engineering 9ICEE2011, May 2011
- 40 Mahshad Hamedanian, Abbas Mohammadi, Abdolali Abdipour, "Joint antenna selection and adaptive modulation in MIMO systems in the presence of CSI imperfection ", Electrical Engineering (ICEE), 2011 19th Iranian Conference on, May 2011
- 41 Hamed Golestaneh, Abdolali Abdipour, Abbas Mohammadi, "Nonlinear Analysis and Design of a Doherty amplifier for Wimax Applications ", International Conference on Electrical, Computer, Electronics and Communication Engineering, March 2011
- 42 Laleh Mirzavand Broujeni, Abdolali Abdipour, Gholamreza Moradi, Abbas Mohammadi, Rashid Mirzavandeborojeni, "Considering the Effect of Non-ideal Standard Load in mm-wave VNA Calibration ", International Conference on Electrical, Computer, Electronics and Communication Engineering, March 2011
- 43 Laleh Mirzavand Broujeni, Abdolali Abdipour, Gholamreza Moradi, Abbas Mohammadi, Rashid Mirzavandeborojeni, "A De-Embedding Procedure to Remove the Effect of Connection Adaptors from Measurements in mm-wave Frequencies ", International Conference on Electrical, Computer, Electronics and Communication Engineering, March 2011
- 44 Mohammad Lari, Abbas Mohammadi, Abdolali Abdipour, "Cross Layer Transmit Antenna Selection in MQAM Modulation MIMO Systems ", International Conference on Telecommunications-IST2010, December 2010
- 45 Mohammad Lari, Abbas Mohammadi, Abdolali Abdipour, "Cross Layer Design Based on Adaptive Modulation and Truncated ARQ in MIMO Rician Channels ", International Symposium on Telecommunications (IST2010, December 2010
- 46 Iman Aryanian, Abdolali Abdipour, Abbas Mohammadi, Ehsan Arianyan, "Design and Simulation of a Wideband Hybrid Envelope Tracking Power Amplifier using LDMOS transistor ", International Conference on Computer and Electrical Engineering 2010, November 2010
- 47 Mahsa Keshavarz Hedayati, Gholamreza Moradi, Abdolali Abdipour, "A Miniaturized Dual-Frequency Wilkinson Power Divider ", 2010 IEEE ASIA-PACIFIC CONFERENCE, November 2010
- 48 Hamid Kiomarsi, Abdolali Abdipour, Mehdi Rezvani, Gholamreza Moradi, "A Ka Band Balanced Amplifier with Six-port Power Divider ", European Microwave Integrated Circuits Conference, September 2010
- 49 Mohammad Mehdi Rahmati, Abdolali Abdipour, Abbas Mohammadi, Gholamreza Moradi, "Calculation of Feedforward Amplifier Transfer Function Considering Loops Imbalances ", 40th European Microwave conference, September 2010
- 50 Mohammad Lari, Abbas Mohammadi, Abdolali Abdipour, "A novel MIMO receiver using antenna selection and time-multiplexed single RF technique ", Microwave and Millimeter Wave Technology (ICMMT), 2010 International Conference on, May 2010
- 51 Mohammad Mehdi Rahmati, Abdolali Abdipour, Abbas Mohammadi, Gholamreza Moradi, "Microwave power amplifier analysis and power spectral estimation based on Polynomial modelling with complex coefficients ", ICEE2010, May 2010
- 52 Abbas Mohammadi, Abdolali Abdipour, "A novel MIMO receiver using antenna selection and time multiplexed single RF technique ", International Conf. Microwave and Millimeter wave technology, May 2010
- 53 Saeed Ghamari, Abbas Mohammadi, Abdolali Abdipour, "3G-mobile comm. power amplifier linearization with digital predistorsion ", ICEE2010, May 2010
- 54 Gholamreza Moradi, Rashid Mirzavandeborojeni, Abdolali Abdipour, "A meshless method for physical simulation of semiconductor devices ", , December 2009

- 55 Mohammad Hossein Madani, Abdolali Abdipour, Abbas Mohammadi, "Performance degradation of OFDM signals passing through nonlinear circuits ", , October 2009
- 56 Rashid Mirzavandeborojeni, Abdolali Abdipour, Gholamreza Moradi, "A semi implicit meshless method for physical simulation of semiconductor devices ", , September 2009
- 57 Hosein Yarmohammadi, Gholamreza Moradi, Abdolali Abdipour, "Using best neural networks structures in modeling microwave low noise transistor ", , September 2009
- 58 Mohammad Reza Keshavarzi, Abbas Mohammadi, Abdolali Abdipour, "Characterization of adaptive modulation MIMO systems in the presence of phase noise ", , June 2009
- 59 Reza Bahri, Abdolali Abdipour, Gholamreza Moradi, "Developing an active quasi circulator module using distributed amplifier ", , May 2009
- 60 Mohammad Reza Keshavarzi, Abbas Mohammadi, Abdolali Abdipour, "Characterization and compensation of DC off set on Adaptive MIMO direct Conversion Transceivers ", , May 2009
- 61 Masoud Dahmardeh, Ayaz Ghorbani, Abdolali Abdipour, "A slow wave active receiving antenna with defected ground structure and photonic band gap ", , May 2009
- 62 Masoud Dahmardeh, Ayaz Ghorbani, Abdolali Abdipour, "Active integrated antenna using photonic bandgap and defected ground structure ", , March 2009
- 63 Reza Bahri, Abdolali Abdipour, Gholamreza Moradi, "Design of a Novel Active Quasi Circulator Using Unilateral Generic Amplifiers ", GeMiC2009,, March 2009
- 64 Masoud Dahmardeh, Ayaz Ghorbani, Abdolali Abdipour, "Active integrated antenna enhanced using photonic bandgap and defected ground structure ", , March 2009
- 65 Amir Vaezi, Abdolali Abdipour, Abbas Mohammadi, "The effect of nonlinearity of a wimax amplifier on the system performance ", , March 2009
- 66 Reza Bahri, Abdolali Abdipour, Gholamreza Moradi, "Design of a novel acitve quasi circulator using unilateral generic amplifiers ", , March 2009
- 67 Gholamreza Moradi, Abdolali Abdipour, Afshin Shabani, "Analysis and Design of a FET-PIN-FET Attenuator ", 2008 INTERNATIONAL RF AND MICROWAVE CONFERENCE, December 2008
- 68 Abdolali Abdipour, Gholamreza Moradi, Shekoofeh Saboktakin, "Design and implementation of a noise generator ", 2008 INTERNATIONAL RF AND MICROWAVE CONFERENCE, December 2008
- 69 Reza Bahri, Abdolali Abdipour, Gholamreza Moradi, "Design a new type of active quasi circulator module ", , December 2008
- 70 Amir Vaezi, Abdolali Abdipour, Kambiz Afrooz, "Nonlinear signal and noise analysis of arbitrary number of anti parallel diode mixer for 3G mobile ", , November 2008
- 71 Rashid Mirzavandeborojeni, Abbas Mohammadi, Abdolali Abdipour, Babak Honarbakhsh, "A new wide band five port receiver based on metamaterial MTM structures ", , November 2008
- 72 Mostafa Rafiee, Abdolali Abdipour, Gholamreza Moradi, "Nonlinear distortion analyis of an amplifier having a large number of nonlinear elements using volterra series ", , November 2008
- 73 Farzin Azami, Armin Ghorssi Anbaran, Hossein Hemesi, Abbas Mohammadi, Abdolali Abdipour, "Design and implementation of a flexible 4x4 MIMO testbed ", Telecommunications, 2008. IST 2008. International Symposium on, October 2008
- 74 Rashid Mirzavandeborojeni, Abdolali Abdipour, Abbas Mohammadi, "Five (four)- port transceiver for Ultra - wideband applications ", , October 2008
- 75 Amir Hashemi, Hassan Ghafari Fard, Abdolali Abdipour, "Tow dimensional impedance field method for calculation of diffusion noise in MESFET transistors ", , May 2008

- 76 Behbod Ghalamkari, Abbas Mohammadi, Abdolali Abdipour, "Design and analysis of traveling wave multiplier " , , May 2008
- 77 Rashid Mirzavandeborojeni, Abbas Mohammadi, Abdolali Abdipour, "Five-port transceiver for WiMAX applications " , Microwaves, Radar and Wireless Communications, 2008. MIKON 2008. 17th International Conference on, May 2008
- 78 Rashid Mirzavandeborojeni, Abdolali Abdipour, "Time domain analysis of lossy coupled transmission lines with nonlinear loads illuminated by a plane wave " , , May 2008
- 79 Behbod Ghalamkari, Abbas Mohammadi, Abdolali Abdipour, "Design and simulation of active frequency tripler with efficient and low spurious response " , 2008 International Conference on Microwave and Millimeter Wave (ICMMT2008), April 2008
- 80 [en-name N/A], Abdolali Abdipour, Ahad Tavakoli, Masoud Movahedi, "Time domain analysis of lossy nonuniform transmission line using FDTD technique " , , December 2007
- 81 Pegah Takook, Abdolali Abdipour, Ahad Tavakoli, Gholamreza Moradi, "Nonlinear modeling analysis and design of an active antenna in S frequency band " , , December 2007
- 82 Rashid Mirzavandeborojeni, Abdolali Abdipour, [en-name N/A], "FDTD analysis of distributed amplifiers based on the fully distributed model " , , December 2007
- 83 Mohammad Reza Keshavarzi, Abbas Mohammadi, Abdolali Abdipour, "Characterization of I/Q imbalance on adaptive M- QAM wireless systems " , , December 2007
- 84 Kambiz Afrooz, Abdolali Abdipour, Ahad Tavakoli, Masoud Movahedi, "FDTD analysis of small signal model for GaAs MESFETs based on three line structure " , , December 2007
- 85 Kambiz Afrooz, Abdolali Abdipour, Ahad Tavakoli, Masoud Movahedi, "GaAs MESFETs optimization based on fully distributed model for UWB application " , , December 2007
- 86 [en-name N/A], Abdolali Abdipour, Kambiz Afrooz, Gholamreza Moradi, "Design and nonlinear analysis of a traveling wave power amplifier by H.B. method in UWB frequency band " , , May 2007
- 87 Mehdi Rezvani Abkenari, Abdolali Abdipour, Abbas Mohammadi, Hamid Kiumarsi, "A ka band sub harmonically pumped image rejection mixer with improved suppression and bandwidth " , , May 2007
- 88 Kambiz Afrooz, Abdolali Abdipour, Behnam Zarghooni, Ahad Tavakoli, "A new design for diode mixer using L-S method " , , May 2007
- 89 Hamid Kiumarsi, Abdolali Abdipour, Abbas Mohammadi, Gholamreza Moradi, Mehdi Rezvani Abkenari, "Design and implementation of an extremely low VSWR ka band balanced amplifier with six port divider " , , May 2007
- 90 Hamid Kiumarsi, Abdolali Abdipour, Abbas Mohammadi, Gholamreza Moradi, Mehdi Rezvani Abkenari, "A ka band microstrip parallel coupled line band pass filter with very low insertion loss " , , May 2007
- 91 Rashid Mirzavandeborojeni, Abbas Mohammadi, Abdolali Abdipour, "Five-Port Receiver Implementation in Ka-Band for Software-Defined Radio " , , December 2006
- 92 Hamid Vahdati, Abdolali Abdipour, Abbas Mohammadi, "Nonlinear stability analysis of microwave oscillators using Lyapunov function " , , November 2006
- 93 Shahrooz Asadi, Abdolali Abdipour, Ali Tavakoli, "Design and nonlinear analysis of high- gain broad- band distributed power amplifier with traveling- wave gain stages by harmonic balance method " , , November 2006
- 94 [en-name N/A], Abdolali Abdipour, Gholamreza Moradi, "Design and analysis of an ultra wideband matrix mixer " , , November 2006
- 95 [en-name N/A], Abdolali Abdipour, Ahad Tavakoli, "An active integrated spiral antenna system for UWB applications " , , November 2006
- 96 [en-name N/A], Abdolali Abdipour, Gholamreza Moradi, "Design and analysis of an ultra wideband matrix mixer " , , November 2006
- 97 Mehran Jalali, Abdolali Abdipour, Ali Tavakoli, "An active integrated spiral antenna system for UWB application " , , November 2006

- 98 Saeid Asadi, Abdolali Abdipour, Ahad Tavakoli, Gholamreza Moradi, "Design and nonlinear analysis of high gain and broad band distriuted power amplifier with traveling wave gain stages by harmonic balance method " , , January 2006
- 99 [en-name N/A], Abdolali Abdipour, Gholamreza Moradi, "Wavelet harmonic balance " , , January 2006
- 100 [en-name N/A], Abdolali Abdipour, Ahad Tavakoli, Gholamreza Moradi, "An Active Integrated spiral antenna system for UWB Applications " , , January 2006
- 101 Mehran Jalali, Abdolali Abdipour, Gholamreza Moradi, "An acive interated spiral antenna system for UWB application " , , January 2006
- 102 Gholamreza Moradi, Abdolali Abdipour, "A novel approach for implementation of a matrix amplifier " , , January 2006
- 103 Gholamreza Moradi, Abdolali Abdipour, "Transformator Oil dielectric Meas. Using Microwave Tech " , , December 2005
- 104 Hamid Vahdati, Abdolali Abdipour, "Generalization of Kurokawas Stability Criterion Considering The Dynamic Nonlinearities in Microwave Oscillators " , , December 2005
- 105 [en-name N/A], Abdolali Abdipour, "A New App. To distributed Model. O MESFETS " , , December 2005
- 106 Aidin Taeb, Abdolali Abdipour, "FDTD Analysis of the Lossy Coupled Transmission Lines Loaded by Nonlinear Devices " , , December 2005
- 107 Mohammad Pouya Aflaki, Abbas Mohammadi, Abdolali Abdipour, "A New Approach to Design a Frequency Synthesizer Using DDS Tech " , , December 2005
- 108 Mohammad Reza Keshavarzi, Abdolali Abdipour, Abbas Mohammadi, Gholamreza Moradi, "Invest. of Tranmission lines on the performance of the HBT _ HEMT Matrix Amp " , , November 2005
- 109 Masoud Movahedi, Abdolali Abdipour, "Improvement of Active Microwave Devices Modeling Using Filter Bank Transforms " , , October 2005
- 110 Farnaz Shayegh, Abbas Mohammadi, Abdolali Abdipour, "CHARACTERIZATION OF EHM DIRECT CONVERSION TRANSCEIVERS IN KA BAND " , , October 2005
- 111 Maryam Mohajer, Abbas Mohammadi, Abdolali Abdipour, "A Software Defined Radio Direct Conversion Receiver " , , October 2005
- 112 Masoud Movahedi, Abdolali Abdipour, "Accelerating the Transient Simulation of Semiconductor Devices Using Filter _ Bank Transforms " , , October 2005
- 113 Farnaz Shayegh, Abbas Mohammadi, Abdolali Abdipour, "Characterization of EHM Direct Conversion Transceivers in Ka _ Band " , , October 2005
- 114 Mehrbod Mohajer Jasebi, Abbas Mohammadi, Abdolali Abdipour, "A Software Defined Radio Direct Conversion Receiver " , , October 2005
- 115 [en-name N/A], Abdolali Abdipour, [en-name N/A], "A New and Fast Algorithm for Noise Parameters Extraction at Microwave Frequency " , , February 2005
- 116 Gholamreza Moradi, Ramin Khosravi, Abdolali Abdipour, "Scaling the noise parameters for sliced model of a mm wave fet " , , January 2005
- 117 Gholamreza Moradi, Abdolali Abdipour, "Scaling the Noise Parameters for Sliced Model of a mm _ Wave FET " , , January 2005
- 118 Mohammad Reza Keshavarzi, Abdolali Abdipour, Gholamreza Moradi, "Investigaion of the transmission line loss on the performance of the HBT HEMT matirx amplifier " , , January 2005
- 119 Gholamreza Moradi, Abdolali Abdipour, [en-name N/A], "Measuring the dielectric constant of transormer oil using microwave techniques " , , January 2005

- 120 Yusef Soltani Mohammadi, Abdolali Abdipour, Abbas Mohammadi, "Wavelet Based Non - Uniform Mesh Generation for Simulation Time Reduction of semiconductor Device Modeling " , , December 2004
- 121 Masoud Movahedi, Abdolali Abdipour, "wavelet -based grid generation toward full- wave physical analysis of microwave/mm-wave transistors " , , December 2004
- 122 Yusef Soltani Mohammadi, Abdolali Abdipour, Abbas Mohammadi, "Non uniform mesh generation for simulation time reduction of semicon duetr device modeling " , , December 2004
- 123 Vafa Sedghi, Abdolali Abdipour, Abbas Mohammadi, "Noise performance Improvement of MM _Wave Image Mixer " , , December 2004
- 124 Farnaz Shayegh, Abbas Mohammadi, Abdolali Abdipour, "Direct Conversion Transceiver with Even Harmonic Mixers for LMDS Application " , , December 2004
- 125 Gholamreza Moradi, Abdolali Abdipour, "Measuring the dielectric properties of materials using stdr approach " , , December 2004
- 126 Foad Arfaei Malekzadeh, Abdolali Abdipour, Abbas Mohammadi, "A New Nonlinear Distribntel Noise Modeling for MM _ Wave HEMT osulator " , , December 2004
- 127 Kaveh Berenji, Abdolali Abdipour, Abbas Mohammadi, "A New Approch for load cycle Evaluation of MM _ Wave power Aplifiev excited by modulated signal " , , December 2004
- 128 Saeed Rezaei Nazifi, Abbas Mohammadi, Abdolali Abdipour, "A New Direct Conversion Receiver " , , October 2004
- 129 Vafa Sedghi, Abdolali Abdipour, "A flat conversion gain subharmonically pumped image rejection mixer in mm-wave band " , , August 2004
- 130 Masoud Movahedi, Abdolali Abdipour, "wavelet -based grid generation toward full- wave physical analysis of microwave/mm-wave transistors " , , August 2004
- 131 Gholamreza Moradi, Abdolali Abdipour, Abbas Mohammadi, "Sensetivity analyis of signal and noise performavcon of matrix amplifiers " , , July 2004
- 132 Masoud Movahedi, Abdolali Abdipour, "A wavelet based approqch to analysis the electromagnete wave effect on microwave transistors " , , July 2004
- 133 Saeed Rezaei Nazifi, Abbas Mohammadi, Abdolali Abdipour, "A Novel wideband cdma receiver " , , May 2004
- 134 Foad Arfaei Malekzadeh, Kaveh Berenji, Abdolali Abdipour, "The influence of hemt nonlinear distributed modeling on transient performance of microwave circuits " , , May 2004
- 135 Kaveh Berenji, Abdolali Abdipour, "Ka - Band solid state power amplipier design and analysis using circuit envelop method " , , April 2004
- 136 Maysamreza Chamanzar, Abdolali Abdipour, "A new distributed model for hetero junction bipolar transistor for mm _ wave applications " , , April 2004
- 137 Masoud Movahedi, Abdolali Abdipour, "The Influence of The MESFET Physical Parameters on the Equivalent Circuit Elements based on the Physical Analysis " , , January 2004
- 138 Magid Gholami, Abdolali Abdipour, "Non Linear HEMT Modelling Using Neural Networks " , , January 2004
- 139 Farnaz Shayegh, Abbas Mohammadi, Abdolali Abdipour, "Characterization of Direct Conversion Transceivers Using Even Harmonic Mixers in Ka _ Band for LMDS Applications " , , January 2004
- 140 Gholamreza Moradi, Abdolali Abdipour, "Developing an engineering standardized training pack " , , December 2003
- 141 Hossein Emami, Abbas Mohammadi, Abdolali Abdipour, "FDTD Analysis of Microwave Heating Process in Organic Materials " , , November 2003
- 142 Saeed Rezaei Nazifi, Abbas Mohammadi, Abdolali Abdipour, "Direct Microwave Qam Modulator using Cascaduble Coupler " , , August 2003

- 143 Mohammad Hossein Haddadi, Abdolali Abdipour, Abbas Mohammadi, "Design and Analysis of a Band upconvert Mixer ", , August 2003
- 144 Reza Khalaj Amineh, Abdolali Abdipour, "Investisation of signal and Performance of an optical Receiver ", , May 2003
- 145 Abdolali Abdipour, Gholamreza Moradi, "The in fluence of Electrode Loading on Signal on Noise Performance ", , November 2002
- 146 Gholamreza Moradi, Abdolali Abdipour, "Signal and noise improvement of travelling wave FET mixer ", , August 2002
- 147 Zaker Hossein Firouzeh, Abdolali Abdipour, "Signal and Noise Modeling on Analysis of free running ", , August 2002
- 148 Gholamreza Moradi, Abdolali Abdipour, "A simplified noise modeling of MM _ WAVE FETS ", , August 2002
- 149 Emad Hamidi, Abdolali Abdipour, "Investigating the effect of Iteration in Noise ", , August 2002
- 150 Behrooz Vahidi, [en-name N/A], Abdolali Abdipour, "High voltage E & M radiation effect on human body (in persian) ", , May 2002
- 151 Gholamreza Moradi, Abdolali Abdipour, "A simplified noise modeling of mm wave fets ", , January 2002
- 152 Muhammad Ghiaami, Abdolali Abdipour, Rouzbeh Moini Mazandaran, "Field Analysis (Full Wave) of Millimeter Waves HEMTS ", , September 2001
- 153 Muhammad Ghiaami, Abdolali Abdipour, Rouzbeh Moini Mazandaran, "Field analysis of Millimeter wave HEMTS ", , August 2001
- 154 Abdolali Abdipour, Gholamreza Moradi, "Improvement of signal and noise performances of a matrix amplifier ", , January 2001
- 155 Ramin Khosravi, Abdolali Abdipour, "Greens function concept for noise model of microwave FET analysis ", , January 2001
- 156 Abdolali Abdipour, Gholamreza Moradi, "Improvement of signal and noise performances of matrix amolifier ", , January 2001
- 157 Seyed Vahid MirafTAB, Abdolali Abdipour, "Harmonic balance analysis of a balanced microwave power amplifier ", , January 2001
- 158 Gholamreza Moradi, Abdolali Abdipour, "Advantageous of electrode Loading of a FET in mixer applications ", , October 2000
- 159 Ali Reza Moradi, Abdolali Abdipour, "An analytical method for noise analysis of dual gate FET mixer ", , September 2000
- 160 Gholamreza Moradi, Abdolali Abdipour, "Signal and noise analysis in alised model of a FET mixer ", , September 2000
- 161 Gholamreza Moradi, Abdolali Abdipour, [en-name N/A], "Signal and noise improvement of Distributed FET mixer ", , September 2000
- 162 Gholamreza Moradi, Ayaz Ghorbani, Abdolali Abdipour, "simultaneous signal and noise improvement of a MM wave FET mixer ", , June 2000
- 163 Gholamreza Moradi, Abdolali Abdipour, "An analytical method for noise analysis of dual gate FET in mixers ", , June 2000
- 164 Gholamreza Moradi, Ayaz Ghorbani, Abdolali Abdipour, "Advantageous of electrode loding of an FET in mixer application ", , June 2000
- 165 Gholamreza Moradi, Abdolali Abdipour, [en-name N/A], Ayaz Ghorbani, "Travelling wave mixer ", , May 2000
- 166 Gholamreza Moradi, Abdolali Abdipour, "a travelling - wave mixer ", , January 2000

- 167 Gholamreza Moradi, Abdolali Abdipour, "Signal and noise improvement of travelling wave FET mixer ", , January 2000
- 168 Gholamreza Moradi, Abdolali Abdipour, Ayaz Ghorbani, [en-name N/A], "Signal and noise analysis in sliced model of a FET mixer ", , January 2000
- 169 Gholamreza Moradi, Abdolali Abdipour, Ayaz Ghorbani, "An analytical method for noise analysis of a dual gate fet mixer ", , January 2000
- 170 Ramin Khosravi, Abdolali Abdipour, "A new approach for high frequency FET noise modeling ", , January 2000
- 171 Gholamreza Moradi, Abdolali Abdipour, Ayaz Ghorbani, "Advantageous of electrode loading of a fet in mixer application ", , January 2000
- 172 Abdolali Abdipour, Gholamreza Moradi, "New trends for mm_ wave FETS ", , November 1999
- 173 Abdolali Abdipour, Gholamreza Moradi, "New consideration for optimization of signal and noise performances of mm wave FETS based on slices modeling ", , August 1999
- 174 Abdolali Abdipour, Gholamreza Moradi, "the influence of input-output contacts location on mm-wave FET performances ", , March 1999
- 175 Reza Firuzabadi, Abdolali Abdipour, Ali Ghorban, "analysis, design and construction of a balanced active microwave mixer (in persian) ", , March 1999
- 176 Gholamreza Moradi, Kasra Barkeshli, Abdolali Abdipour, "a novel absorbing boundary condition ", , March 1999
- 177 Abdolali Abdipour, Gholamreza Moradi, "New considerations for optimization of signal and noise performances of mm wave fets based on sliced modeling ", , January 1999
- 178 Abdolali Abdipour, Gholamreza Moradi, "New trends for MM wave FET structures ", , January 1999

دروس ارائه شده

#	عنوان درس	توصیف درس	سرفصل ها	دوره درسی
1	Active Microwave Circuits Design	Modeling, Linear Analysis and Design (Signal and Noise) based on wave approach of microwave Transceivers		Fall 2021
2	Communication Circuits	در RF (آشنائی با اصول طراحی و تحلیل ترانسپورهای (سیستمهای فرستنده گیرنده رژیم غیر خطی		Fall 2021
3	Non Linear Microwave Circuits Design	Design and Nonlinear Analysis(Signal and Noise) of Circuits and Subsystems in Microwave Transceivers		Spring 2021
4	Active Microwave Circuits Design	Modeling, Linear Analysis and Design (Signal and Noise) based on wave approach of microwave Transceivers		Fall 2020
5	Communication Circuits	در RF (آشنائی با اصول طراحی و تحلیل ترانسپورهای (سیستمهای فرستنده گیرنده رژیم غیر خطی		Fall 2020