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رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	ایده آلهای یالی دوجمله ای، عددنظم، عمق و گراف دوگان آنها	محمد روزبهانی ملایری و داریوش کیانی	مهر 1400
2	همولوژی مجتمع های سادگی متناظر با مشبکه زیر قفسه ها و ابر نقاط داده ها	امیر ساکی و داریوش کیانی	آبان 1399
3	فاکتورهای مولفه ای درگراف ها	نسترن حق پرست و داریوش کیانی	تیر 1397
4	کاربرد مشبکه های LDPC و ساختار های جبری در سامانه های مخابرات بی سیم	حسن خدائی مهر و داریوش کیانی	بهمن 1395
5	بررسی تکرر مقادیر ویژه ماتریسهای وابسته به گرافها	اصغر بهمنی و داریوش کیانی	مرداد 1395
6	رادیکالها و ایده الهای پوچ ساز حلقه ها	عبدالله آل هوز و داریوش کیانی	آذر 1393
7	ایده آلهای وابسته به ابرگرافها و مجتمع های سادگی	سارا سعیدی مدنی و داریوش کیانی	اسفند 1392
8	بررسی خواصی از گروههای خطی اریب	مجتبی رمضان نسب و داریوش کیانی	آذر 1392
9	خواص ماتریس های مجاورت تعمیم یافته وابسته به گراف ها	مریم میرزاخواه و داریوش کیانی	شهریور 1392
10	مجتمع های سادگی صدف وار و کوهن - مکالی	سمیه مرادی و داریوش کیانی	اردیبهشت 1389
11	خواص ایده آلهای جبری گرافها	فاطمه محمدی و داریوش کیانی	شهریور 1388

پایان‌نامه‌های کارشناسی ارشد

#	عنوان پایان نامه	توسط	تاریخ دفاع
1	ایده آل های دو جمله ای وابسته به اشیای ترکیبیتی و ناوردهای جبری و ترکیبیتی مربوط به آنها	علیرضا مسائلی و داریوش کیانی	تیر 1401
2	کدگذاری امن و قابل اعتماد شبکه چندتایی با استفاده از کدهای رید-سولومون خطی شده	رسول یآوری و داریوش کیانی	اسفند 1400
3	کد های ریشه-مکرر دور پایا و دوگان آنها	سیده ایلاز موسوی پورگوهریون و داریوش کیانی	اسفند 1400
4	روش های احتمالاتی در مجتمع های سادگی و ایده آل ها	سیاوش عسکرزاده امیربنده و داریوش کیانی	مهر 1400
5	روش های نظریه جبری گراف در علوم داده	طاهر اکبری و داریوش کیانی	مهر 1400
6	همولوژی های مکعبی و مسیری گراف ها	آیسا تاجری امامچائی و داریوش کیانی	مهر 1400
7	کلاس خاصی از زیر مدولهای اول	عطیه تفضلیان و داریوش کیانی	دی 1399
8	ابدال های یالی دو جمله ای برخی گراف ها	مهدی بزرگبرفروئی و داریوش کیانی	دی 1399
9	خواص جبری و ترکیبیتی همولوژی های پایدار	ازاده اسلمی و داریوش کیانی	آبان 1399
10	امنیت بی قید و شرط پنهان نگاری در برابر حملات فعال	سیده زهرا هاشمی و داریوش کیانی	مهر 1398
11	بازی هایی روی گراف: سوزاندن گراف، آتش نشان	عباس رحیمی و داریوش کیانی	شهریور 1398
12	k-درخت های فراگیر در گراف های n-همبند	فاطمه رجبی و داریوش کیانی	بهمن 1397
13	حلقه های هیپی، لول و شبه گرنشتاین	محمود کاظمی حاجی آبادی و داریوش کیانی	دی 1397
14	خواص توپولوژیک مجموعه های مرتب جزئی	علی رضا سلحشوری و داریوش کیانی	مهر 1397
15	ادغام و جداسازی گراف ها و ابرگراف ها ،	ایوت سلیمانی و داریوش کیانی	مهر 1397
16	تجزیه ی ستاره ای با مولفه های بالا	مسلم سادات حسینی گروه و داریوش کیانی	مهر 1396
17	کاربردهای رنگ آمیزی گراف در حل مسئله زمان بندی	ریحانه نشاط اورحقیقی شیراز و داریوش کیانی	مهر 1396
18	بررسی کوهن=مکالی بودن ایدالهای استنلی=رایزنر با توانهای مرتبه ی بالا	محمد روزبهانی ملایری و داریوش کیانی	شهریور 1396
19	عنصرهای از طول مینیمال گروه های کوکستر متناهی	احمدرضا عبدلی و داریوش کیانی	بهمن 1395
20	مسیرهای همپلتونی در گراف های کیلی	بابک بنایی و داریوش کیانی	بهمن 1395
21	خواص توپولوژیکی برخی مجتمع های سادگی	بهرام غفارخانی خیابانی و داریوش کیانی	مهر 1395
22	مطالعه توپولوژیکی مجتمع های استقلال گراف ها	رضوان دربندی و داریوش کیانی	مهر 1395
23	بررسی حدسی از نیکی فروف	نسترن کیوان و داریوش کیانی	مهر 1394
24	بررسی کهدهای ماتریس لاپلاسیان	هدا صالحی و داریوش کیانی	مهر 1394
25	توپولوژی مجتمع های سادگی	امیر ساکی و داریوش کیانی	شهریور 1394

26	رده بندی طیف لاپلاسین حاصل ضرب گراف	اعظم امینی و داریوش کیانی	مهر 1393
27	کران هایی برای بزرگترین مقدار ویژه ی ماتریس لاپلاسین یک گراف	عباس خالقی و داریوش کیانی	مهر 1393
28	مروری بر خواص ماتریسهای وابسته به گراف ها	مهین بهرامی و داریوش کیانی	مهر 1393
29	بررسی مقادیر ویژه گراف های تناوبی	خاطره مولائی و داریوش کیانی	مهر 1392
30	تجزیه راسی گراف ها	معصومه سلیمانی امیرشکاری و داریوش کیانی	مهر 1392
31	گراف های سیمپلکتیک و قویا منظم	میلاد آهنجیده و داریوش کیانی	شهریور 1392
32	کدهای بلوکی فضا- زمان حاصل از جبرهای متقاطع و حافظ اطلاعات	حسن خدائی مهر و داریوش کیانی	شهریور 1391
33	انتخاب پذیری برخی گرافهای چند بخشی کامل و حدس اهبا	نازنین افسرمنش تهرانی و داریوش کیانی	آبان 1390
34	گراف کیلی وارون پذیر روی حلقه ها	محسن ملاحاجی اقای و داریوش کیانی	شهریور 1390
35	رنگ بندی - راسی گرافها مدل ضربی و جمعی	خشایار کریم اقای و داریوش کیانی	آبان 1389
36	ضرایب لاپلاسین در گراف ها	هستی حمید زاده کلخوران و داریوش کیانی	مهر 1389
37	خواص جبری ایده آل مسیری یک گراف	سارا سعیدی مدنی و داریوش کیانی	شهریور 1389
38	طبقه بندی گرافهای Mrk	عاطفه ایلخانی و داریوش کیانی	مهر 1388
39	ارتباط خواص جبری و ترکیبیاتی مجتمع های سادگی	سیده معصومه سیدی سیاهکله و داریوش کیانی	شهریور 1388
40	گرافهایی که دومین مقدار ویژه آنها برابر 1 است -مکمل ستاره ای در گرافها	لیلا اصغرشرقی بناب و داریوش کیانی	شهریور 1388
41	زیر گروههای تحویل ناپذیر وماکسیمال (D) n GL	مجتبی رمضان نسب و داریوش کیانی	آبان 1387
42	خواص جبری ماتریسهای وابسته به ساختارهای ترکیبیاتی	مریم میرزاخواه و داریوش کیانی	مهر 1387
43	گروههای متناهی باپوششهای هال	حامد مولائیان و داریوش کیانی	مهر 1386
44	گراف نادوری یک گروه	زینب اخلاقی و داریوش کیانی	شهریور 1386
45	گرافهای جابجایی اینولوشنها	مسعود پورحسن و داریوش کیانی	آبان 1385
46	زیرگروههای حل پذیر به وسیله متناهی جبرهای تقسیم	حمیدرضا بامداد و داریوش کیانی	مهر 1385
47	گرافهای مقسوم علیه ضروری حلقه های جابجایی	محمدرضا شجاعی و داریوش کیانی	شهریور 1385

کتاب

#	عنوان	نگارندگان/مترجمان	کشور ناشر	تاریخ انتشار	نسخه
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دروس ارائه شده

# عنوان درس	توصیف درس	سرفصل ها	دوره درسی
1 Math. (II)	On the Functions of Several Variables		Spring 2022
2 LINEAR AND MULTILINEAR ALGEBRA	Introduction to applications of Linear Algebra in Graph Theory		Spring 2022
3 Applied Algebra	An introduction to graded rings and modules, and some combinatorial-topological objects like simplicial complexes, and their different properties		Fall 2021
4 Math. (I)	An Introduction to Calculus		Fall 2021
5 Math. (II)	On the Functions of Several Variables		Spring 2021
6 Commutative Algebra (II)	An introduction to convex geometry, polytopes and simplicial complexes, and some algebraic structures associated to them		Spring 2021
7 Math. (II)	On the Functions of Several Variables		Spring 2021