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فریدرضا بیگلری

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دانشکده مهندسی مکانیک
گروه آموزشی ساخت و تولید



رساله‌های دکتری

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	مدل سازی فرآیند میکروماشینکاری و الگودهی پلیمر با لیزر نانو ثانیه	داود اسماعیل پورقوجانی و فریدرضا بیگلری	اردیبهشت 1400
2	توسعه ی مدل میکرو مکانیکی شکست نرم در فرآیند برش ورق فولادی	حامد قلی پور و فریدرضا بیگلری	اسفند 1399
3	بررسی تجربی و تحلیلی تراشکاری فولاد AISI4140 در حضور پلاسما و ارتعاشات آلتراسونیک	مسعود فرحناکیان و فریدرضا بیگلری	شهریور 1393
4	بهینه سازی فورج نهایی پره کمپرسور موتور هوایی	ولی علی میرزالو و فریدرضا بیگلری	اسفند 1389

پایان‌نامه‌های کارشناسی ارشد

#	عنوان پایان‌نامه	توسط	تاریخ دفاع
1	طراحی و ساخت دستگاه صفحه ی ارتعاشی جهت توان بخشی و درمان بیماری آرتروز زانو	محمد مظاهری و فریدرضا بیگلری	مهر 1400
2	بررسی تجربی و عددی اثر زمان گیره بندی و مسیر جوشکاری قوس الکتریکی بر روی اعوجاج قطعه	مازیار حاجی محمدولی و فریدرضا بیگلری	بهمن 1399
3	بررسی تجربی و عددی اثر گیره بندی بر روی اعوجاج قطعه ی جوشکاری شده با تیگ پالسی	مهدی نودرزاده و فریدرضا بیگلری	شهریور 1398
4	بهبود خواص مکانیکی فلزات با استفاده از انقباض و انبساط متوالی در فشار هیدرو استاتیک با فشار پستی	مصطفی باغینی پور و فریدرضا بیگلری	شهریور 1398
5	بررسی تجربی و عددی خواص شکل پذیری ورق فوق ریزدانه شده توسط فرایند نورد زاویه ای با کانال یکسان ECAR	شهرام پاک راه و فریدرضا بیگلری	تیر 1398

6	بررسی تجربی و عددی خواص مکانیکی فرآیند شکل دهی گرم کوئنچینگ	رضا لطفی اصل و فریدرضا بیگلری	تیر 1398
7	بررسی و ارزیابی پارامترهای موثر در فرآیندهای مدل سازی با استفاده از پرینت سه بعدی	محمدابراهیم ایمانیان نجف آبادی و فریدرضا بیگلری	بهمن 1397
8	بررسی عددی و تجربی برگشت فنری در فرایند چرخ کاری قطعات با لبه ی غیر دایروی	مهرداد کنشلو و فریدرضا بیگلری	اسفند 1395
9	بهینه سازی تجربی و عددی محل تزریق پلاستیک در یک مخزن استوانه ای دو تکه	مجید مسلم زاده گنتابی و فریدرضا بیگلری	بهمن 1395
10	محاسبه شکل بهینه بلانک اولیه در فرایند کشش عمیق با استفاده از ترکیب روش تغییر شکل معکوس و منطق فازی	مجید شفاپی و فریدرضا بیگلری	بهمن 1395
11	بررسی تجربی و عددی زمان گیره بندی بر روی اعوجاج قطعه ی جوش داده شده	امیررضا غریب و فریدرضا بیگلری	آبان 1395
12	بررسی عددی و تجربی تنش پسماند در عملیات تزریق پلاستیک قطعه ی درب محفظه ی شیر خودکار (کاروگیت)	محمدرضا حسینی و فریدرضا بیگلری	مهر 1395
13	بررسی اعوجاج و تدوین تکنولوژی جوشکاری نازل به مخزن تحت فشار	محمد نجفی و فریدرضا بیگلری	آبان 1390
14	بررسی تجربی و تئوری رفتار مکانیکی فوم پلی پروپیلن	سید میلاد صادقی پور و فریدرضا بیگلری	اسفند 1389
15	جبران خطاهای هندسی و خطاهای حاصل از کرنش ابزار در ماشین فرز CNC پنج محور توسط اصلاح کدهای ماشین کاری	سعید میرزایی زاده و فریدرضا بیگلری	اسفند 1389
16	پیش بینی خطا و جبران سازی مسیر ابزار در ماشین کاری قطعات جدار نازک به روش المان محدود	علیرضا قاسمی و فریدرضا بیگلری	اسفند 1389
17	طراحی پیش فرم در فرایند Upsetting با استفاده از تئوری تحلیل حساسیت	علی رحمت نژاد واقعی و فریدرضا بیگلری	شهریور 1389
18	تحلیل عددی خستگی مکانیکی- حرارتی قالبهای آهنگری	سید محمود قلعه بندی و فریدرضا بیگلری	شهریور 1389
19	بهینه سازی استوانه ساخته شده از مواد هدفمند با تغییرات دو بعدی خواص ، با رویکرد استفاده در موتور احتراق داخلی پیستونی	مسعود نورجانی پورمقدم و فریدرضا بیگلری	بهمن 1388
20	مطالعه تحلیلی ، عددی و تجربی تاثیر پارامترهای موثر بر فرآیند هیدروفورمینگ لوله	افشین فاطمی و فریدرضا بیگلری	دی 1387
21	بررسی مقدار بهینه نیروی ورق گیری و مقایسه با آزمایش تجربی در تولید ورق های بدنه خودرو	مصطفی حیدری و فریدرضا بیگلری	آبان 1387
22	بررسی و تحلیل برگشت فنری در عملیات خمکاری ورقهای دو لایه	حامد ادیبی و فریدرضا بیگلری	شهریور 1387
23	طراحی بهینه پیش فرم برای هیدروفورمینگ لوله باروش تحلیل حساسیت	داریوش غفاری طاری و فریدرضا بیگلری	اردیبهشت 1387
24	مدلسازی عددی و تجربی الگوی جریان ماده در عملیات فورج باپیش فرم های طراحی شده به روش میانپایی المانهای مرزی	مسعود میرسعیدی و فریدرضا بیگلری	اسفند 1386
25	مدلسازی رفتار الاستیک مواد در ابعاد مزو	ارش عطائی و فریدرضا بیگلری	اسفند 1386
26	بررسی رفتار مکانیکی و چسبندگی پوششهای ایجاد شده به روش چرخشی	احسان معظمی گودرزی و فریدرضا بیگلری	اسفند 1386
27	مدلسازی و شبیه سازی فرایند تیگزواکستروژن معکوس و بررسی تاثیر دما بر رفتار سیلان ماده در فاز خمیری	فرزاد حسینی یکتا و فریدرضا بیگلری	بهمن 1386
28	بهینه سازی بلانک اولیه در عملیات شکل دهی ورق بااستفاده از شبیه سازی المان محدود	امیر آگهی و فریدرضا بیگلری	اسفند 1385

29	مدلسازی و شبیه سازی فرایند تیگزوفورجینگ	وحید پویافر و فریدرضا بیگلری	بهمن 1385
30	تحلیل شکل دهی حرارتی ورقه های کامپوزیتی	مهدی شیرانی و فریدرضا بیگلری	دی 1385
31	مقایسه برگشت فنری حاصل از نتایج تجربی باشبیه سازی المان محدود در فرایند چرخکاری	حامد مصطفوی و فریدرضا بیگلری	اسفند 1384
32	محاسبه و اندازه گیری تنشهای پسماند جوشی در اتصالات غیرهمجنس	داود اکبری و فریدرضا بیگلری	بهمن 1384
33	مدلسازی کلاه ایمنی رانندگی و بهینه سازی شاخص های نسبی مقاومت در برابر ضربه و ظرفیت جذب انرژی	مهدی قره باغی و فریدرضا بیگلری	بهمن 1384
34	مقایسه کرنش اندازه گیری شده از نتایج تجربی و شبیه سازی المان محدود در فرایند چرخکاری (spinning)	سید حامد رضوی بنی و فریدرضا بیگلری	بهمن 1384
35	بهینه سازی الگوریتم ردیابی سطوح با استفاده از سنسور CMM نصب شده روی ماشین CNC	یدالله حشمی و فریدرضا بیگلری	مرداد 1384
36	بررسی تاثیر کلیرانس بر کیفیت سطح برش در فرایند دوربری دقیق به روش اجزاء محدود با استفاده از المانهای فرورویخته شناور	مهرداد قطره نبی و فریدرضا بیگلری	خرداد 1384
37	بررسی اثر شکل و موقعیت بیلت اولیه در فرایند آهنگری دقیق قطعات متقارن محوری	صابر صفار و فریدرضا بیگلری	اردیبهشت 1384
38	مطالعه تولید انبوه شاتون از طریق شکست موضعی آن	علیرضا رضایی نسب و فریدرضا بیگلری	فروردین 1384

کتاب

#	عنوان	نگارندگان/مترجمان	کشور ناشر	تاریخ انتشار	نسخه
داده های ثبت شده در پورتال					
1	مقدمه ای بر تحلیل المان محدود با نرم افزار ABAQUS	حجت پشتگاه قاسمی , فریدرضا بیگلری, رامین درویش	ایران	شهریور 1384	1
2	سیستم های اندازه گیری دقیق	فریدرضا بیگلری	ایران	خرداد 1399	1
3	آنالیز پیشرفته و برنامه نویسی با آباکوس	فریدرضا بیگلری, میلاد مالمیر, جواد سلیمی	ایران	تیر 1398	2
4	طراحی قالب های فورج	فریدرضا بیگلری, محمدعلی صادقی	ایران	بهمن 1391	3
5	طراحی قالب های فورج	فریدرضا بیگلری, محمدعلی صادقی	ایران	بهمن 1389	2
6	متروالوزی سطح و زبری سنجی تماسی	مرتضی دشتی زاده, فریدرضا بیگلری	ایران	اسفند 1384	0
7	طراحی قالب های فورج	فریدرضا بیگلری, محمدعلی صادقی	ایران	مرداد 1394	4
8	طراحی قالب های فورج	فریدرضا بیگلری, محمدعلی صادقی	ایران	مرداد 1386	1
9	آنالیز پیشرفته و برنامه نویسی با آباکوس	فریدرضا بیگلری, میلاد مالمیر, جواد سلیمی	ایران	فروردین 1398	1

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دروس ارائه شده

#	عنوان درس	توصیف درس	سرفصل ها	دوره درسی
1	Design and Analysis of Multi-Stage Forming Tools	In this course plasticity equations of multi-stage forming processes are presented		Fall 2021
2	Technical Language	In this coarse technical language and words in mechanical engineering field are presented		Fall 2021
3	Application of Finite Element in Manufacturing Engineering	Advanced finite element method and its application in production and manufacturing and fracture mechanics		Fall 2021
4	Forging Die Design	In this module the metal forming in Mechanical Engineering and design of forging die is introduced		Fall 2021
5	Special Topics (Introduction to Mechanical Engineering)	In this course , students will be familiarized with mechanical engineering subjects and its branches		Fall 2021
6	Special Topics (Introduction to Mechanical Engineering)	In this course , students will be familiarized with mechanical engineering subjects and its branches		Fall 2021
7	Physics of Metrology	In this module methods of measuring of selected quantities are introduced		Fall 2021
8	Special Topics (Reverse Engineer)	In this course you learn most techniques of reverse engineering processes.		Spring 2021
9	Physics of Metrology	In this module methods of measuring of selected quantities are introduced		Spring 2021
10	Application of Finite Element in Manufacturing Engineering	Advanced finite element method and its application in production and manufacturing and fracture mechanics		Spring 2021
11	Creep, Fatigue & Fracture	In this course creep fatigue and fracture of objects are studied and analysed		Spring 2021
12	Application of Finite Element in Manufacturing Engineering	Advanced finite element method and its application in production and manufacturing and fracture mechanics		Fall 2020
13	Research Method & Report Writings	In this course academic report, and article writing and giving speech and lecture is presented		Fall 2020
14	Special Topics (Introduction to Mechanical Engineering)	In this course , students will be familiarized with mechanical engineering subjects and its branches		Fall 2020
15	Technical Language	In this coarse technical language and words in mechanical engineering field are presented		Fall 2020
16	ADVANCED MEASUREMENTS	In this module advanced methods of measuring of selected quantities are introduced		Fall 2020

