

عبدالحسین فریدون



تحصیلات

کارشناسی ارشد پیوسته دانشگاه شیراز
کارشناسی ارشد دانشگاه علم و صنعت تهران;
دکتری دانشگاه فنی پراگ چک

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- قابلیت اعتماد و طراحی-المان محدود- FGM-
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افتخارات

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تدریس

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Influence of Neutral Surface Position on Deflection of Functionally Graded Beam under Uniformly Distributed Load

H. Yaghoobi and A. Fereidoon

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Prediction of Young's Modulus of Carbon Nanotube Reinforced Composites in Axial Direction with Nonlinear Springs

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۲۸ محمود مهرداد شکریه ۱، محمد امین ترا بی زاده ۲، عبدالحسین فریدون بررسی تخریب کامپوزیت لایه ای شبه همسانگرد تحت بار کششی استاتیکی در دمای پایین. هیجدهمین همایش سالانه بین المللی مهندسی مکانیک ایران، ایران، تهران، دانشگاه صنعتی شریف، ۲۱ لغایت ۲۳ اردیبهشت

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پروژه تحقیقاتی

۲. Design of lightweight composite chassis(1381)
۳. Investigation of cohesion of composite layers with Al surfaces on presence of nanocarbone tubes. (1386)
۴. Investigation of research capabilities of province
۵. A. Fereidoon, Experimental analysis of Improvement of mechanical properties of polymer composite by using carbon annotates, Decembers 2008.
۶. طراحی و ساخت یک نمونه دستگاه رشد بلور با کاربرد صنعتی- با حمایت مالی وزارت صنایع و معادن و دانشگاه سمنان (همکار)(۱۳۸۱).
۷. طراحی و ساخت یک نمونه دستگاه رشد بلور با کاربرد صنعتی- با حمایت مالی ردیف های متمرکز وزارت علوم و تحقیقات و فناوری و دانشگاه سمنان (همکار)(۱۳۸۴)

تالیفات و ترجمه ها

- ۱- مکانیک محیط های پیوسته
- ۲- مباحث منتخب در مقاومت مصالح
- (ترجمه) تحلیل سازه بر اساس قابلیت اعتماد-۳
- ترجمه(تئوری مقدماتی الاستیسیته-۴
- ۵- نانو مکانیک و مواد (ترجمه)
- ۶- کامپوزیت
- ۷- مقدمه ای بر نانو مکانیک و میکرو مکانیک
۱. اختراع-دستگاه رشد بلور دکتر تفرشی و دکتر فریدون و رضا غفوری اهنگر - محمد حسن قاسمی
۲. طراحی و ساخت سنسور مقاومتی رطوبت سنج خاک
- ۳-سیستم دریافت اطلاعات محیطی و کنترل فازی هوشمند تاسیسات گلخانه

