

عباس سعادت‌مندی

استاد

دانشکده: دانشکده علوم ریاضی

گروه: ریاضی کاربردی



سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۷۵	ریاضی-کاربرد در کامپیوتر	دانشگاه صنعتی شریف
کارشناسی ارشد	۱۳۷۸	ریاضی کاربردی-آنالیز عددی	دانشگاه صنعتی امیرکبیر
دکترای تخصصی	۱۳۸۳	ریاضی کاربردی-آنالیز عددی و کنترل	دانشگاه صنعتی امیرکبیر

اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
کاشان	عضو هیئت علمی	رسمی قطعی	تمام وقت	۲۰

سوابق اجرایی

عضو کمیسیون تخصص ریاضی

جوایز و تقدیر نامه ها

- پژوهشگر نمونه دانشگاه کاشان در سال های ۱۳۹۵، ۱۳۹۹، ۱۳۹۳، ۱۳۹۱، ۱۳۸۹
- استاد نمونه آموزشی دانشگاه کاشان در سال ۱۳۹۱
- انتخاب به عنوان دانشمند بین المللی و در ردیف یک درصد برتر پژوهشگران و نخبگان علمی جهان بنا بر ISI آرزویابی در سال های ۱۳۹۹، ۱۳۹۷، ۱۳۹۴

موضوعات تدریس تخصصی

- روشهای طیفی
- توابع سینک
- محاسبات کسری
- حل عددی معادلات دیفرانسیل و معادلات انتگرال

زمینه های تدریس

آنالیز عددی

محاسبات عددی

معادلات دیفرانسیل

عضویت در هیات تحریریه مجلات علمی و پژوهشی

Editorial Board Member (۲۰۱۶-present) [Mathematics Interdisciplinary Research](#) (University of Kashan, ۱
(Islamic Republic of Iran

Editorial Board Member (۲۰۱۳-present) [Computational Methods for Differential Equations](#) (University ۲
(of Tabriz, Islamic Republic of Iran

Editorial Board Member (۲۰۱۷-present) [Fractional Differential Calculus](#) (Publishing House Element ۳
(d.o.o., Zagreb, Croatia

Editorial Board Member (۲۰۲۱-present) [Iranian Journal of Mathematical Chemistry](#) (University of ۴
(Kashan, Islamic Republic of Iran

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 ۳. M. Pourbabaee, A. Saadatmandi, Collocation method based on Legendre polynomials for solving distributed order fractional differential equations، ۵۱st Annual Iranian Mathematics Conference, Kashan, ۲۰۲۱.
 ۴. علی افتخاری، عباس سعادت‌مندی، DE sinc collocation method for solving the Bagley-Torvik equation, with variable coefficients، ۲۲، ۸، ۲۰۱۷، همدان، ایران، ۲۲.
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 ۶. M. Pourbabaee, A. Saadatmandi, Numerical solution of fractional pantograph differential equation using Chebyshev polynomials, 50th Annual Iranian Mathematics Conference, Shiraz, 2020.
 ۷. N. Moshtaghi, A. Saadatmandi, Sinc-collocation method for approximate solution of the model of beam-type nano-scale electrostatic actuators, 49th Annual Iranian Mathematics Conference, Tehran, Tehran, 2019.
 ۸. M. Pourbabaee, A. Saadatmandi, Numerical solution of a singular boundary value problem arising in the theory of shallow membrane caps via Sinc-collocation method, 49th Annual Iranian Mathematics Conference, Tehran, Tehran, 2019.
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- E. Babolian, A. Eftekhari, A. Saadatmandi ,A sinc-collocation method for solving a nonlinear system of second order boundary value problems ,44th Annual Iranian Mathematics Conference ,Mashhad ,2013
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