

## 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 ۱۳۹۹، ۱۳۹۵، 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 ارزربانی 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، ۲۲ ۸ ۲۰۱۷.
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- A. Eftekhari, A. Saadatmandi ,Application of Double Exponential sinc-collocation method for solving multi-point boundary value problem for optimal bridge design ,International Conference on Architecture and Mathematics, ,Kashan ,2017
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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
- N. Nafar, A. Saadatmandi ,Projected differential transform method for solving Burgers' equation ,4th Conference on Mathematical Analysis and its Applications ,Khansar ,2013
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