

MSc Thesis Supervisor

1. **Miraslani Vahid**, “A numerical method for solving multivariate Fredholm integral equations”, In progress.
2. **Mousavi Ramin**, “Study of differential operator matrices for multivariable polynomial base”, In progress.
3. **Jaghataei Samira**, “Numerical solution of two dimensional parabolic problems based on adaptive finite difference method”, In progress.
4. **AbdolAbadi Fatemeh**, “Some numerical methods for solving stochastic nonlinear Schrodinger equations”, 2017.
5. **Rezaei Parisa**, “Some numerical methods for solving nonlinear singular second order differential equations”, 2017.
6. **Saramian Zahra**, “Solving an inverse hyperbolic problem by Krylov subspaces “, 2016.
7. **Keshavarz Mina**, “Solving nonlinear partial differential equation problems using spectral element method” 2016.
8. **Ehsanivafa Asma**, “ Application of mollification and space marching for solving some inverse parabolic partial differential equations in one and two dimensional spaces“, 2016.
9. **Mighani Milad**, “The splitting extrapolation method for numerical integration and its application to solving some partial differential equation”, 2016.
10. **Vahedi Mozhgan**, “Application of iterative regularization methods for solving some inverse parabolic problems”, 2016.
11. **Sakaki Sasan**, “Solving the Inverse Parabolic problems Using Sinc Functions”, 2015.
12. **Norouzi Zahra**, “Application of operator splitting method in nonlinear inverse parabolic problems“, 2015.
13. **Damirch Mahsa**, “Application of Reproducing Kernel Method for solving nonlinear fractional partial differential equation problems and study their convergency”, 2014.
14. **Bagheriashena Maryam**, “Application of improved multiple steps for solving Sturm-Liouville problems”, 2014.
15. **Abolhassani Kashi Samaneh**, “Some numerical methods for solving two dimensional fractional diffusion problems”, 2014.

16. **Dehdarvand Zeynab**, “Application of boundary element method for solving Semilinear elliptic partial differential equation Problems”, 2014.
17. **Asadollahi Fatemeh**, “Study of some nonlinear elliptic and parabolic partial differential equations and some numerical methods for solving them”, 2013.
18. **Moazzezi Setareh**, “Application of bivariate B-splines basis functions to spectral element methods for two dimensional parabolic problems”, 2013.
19. **Parvaz Samaneh**, “Application of multivariate spline method in partial differential equations and studying their errors”, 2013.
20. **Fayyazfar Zeynab**, “Error analysis of boundary element method in direct and inverse parabolic and elliptic partial differential equations”, 2013.
21. **Ahfadi Leyla**, “Analytical approximate solutions of systems of fractional differential algebraic equations (DAEs) by homotopy analysis method”, 2012.
22. **Salehi Shayeghan Amirhossein**, “Numerical solution of nonlinear elliptic problems with pre-conditioning operators”, 2012.
23. **Amiri Abdolreza**, “Ill-posedness of inverse parabolic problems and some stable numerical methods for solving them”, 2012.
24. **Radban Tehrani Hoda**, “Application of two Dimensional T-splines in finite element method for solving parabolic problems”, 2012.
25. **Moradi Sarkeshti Saeid**, “Application of the spectral Element Method for the Wave Propagation”, 2012.
26. **Soltani Sima**, “The Finite Element Method Based on B-Splines Functions and Application to Solving the Heat Transfer Problems”, 2012.
27. **Baneei Siyamak**, “The domain decomposition method for the forward–backward heat equations in one and two dimensional spaces”, 2011.
28. **Maddah Motahhare**, “Application of Numerical Schemes for Equations of River Dynamics”, 2010.
29. **Rabei Kobra**, “Numerical Methods for Solving Equations of Weather Prediction”, 2010.
30. **Dehghan Zahra**, “A Numerical Method for Solving Multi-Phases Flows Porous Medium Equations”, 2010.
31. **Shahbazi Mohammad**, “Finite volume methods and application in solving partial differential equations”, 2009.

32. **Mosallinezhad Ehsan**, “Coupled finite and boundary elements methods and its application for solving partial differential equations problems”, 2009.
33. **Noruzi Majid**, “Boundary elements method and application to solving partial differential equation problems”, 2009.