

Published Papers in journals:

- F. Ghomanjani, M. H. Farahi, M. Gachpazan, *Bezier control points method*

to solve constrained quadratic optimal control of time varying linear systems,

Computational and Applied Mathematics, 31(3), (2012) 1–24 (ISI journal, Springer, impact factor 0.45).

- F. Ghomanjani, M. H. Farahi, A. V. Kamyad, *Numerical solution of some*

linear optimal control systems with pantograph delays, IMA Journal of Mathematical

Control and Information, IMA Journal of Mathematical Control and

Information, Oxford Journal, 2013, DOI: 10.1093/imamci/dnt037 (ISI journal, Oxford journals, Impact Factor: 0.741, 5-Yearr impact factor: 0.596).

- F. Ghomanjani, A. Kilichman, S. Effati, *Numerical solution for IVP*

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and Applied Analysis, vol. 2013, Article ID 490689, 4 pages, 2013.

doi:10.1155/2013/490689(ISI journal, impact factor: 1.102).

F. Ghomanjani, A. Vahidian Kamyad, A. Kiliçman , Bezier curves method for fourth-order integro-differential equations, Abstract and Applied Analysis, vol. 2013 (ISI journal, impact factor: 1.102).

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- F. Ghomanjani, S. Ghaderi, M. H. Farahi, *Solving the Optimal Control of*

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- *F. Ghomanjani, M. H. Farahi, The Bezier control points method for solving*

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- *F. Ghomanjani, **Bezier Control Points Method to Solve Scheduling of Injections of Immunotherapeutic Agents,***

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- *F. Ghomanjani, S. Ghaderi, **Variational Iterative Method Applied to Variational Problems with Moving***

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- *F. Ghomanjani, M. H. Farahi, A. V. Kamyad, Bezier curves for solving nonlinear-quadratic*

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1. Bezier curves based numerical solutions of delay systems with inverse time

Fateme Ghomanjani, Mohammad Hadi Farahi, Adem Kılıçman, Ali Vahidian Kamyad, and Naser Pariz

- در این مقاله، با استفاده از منحنی‌های بی‌زیر برای حل عددی سیستم‌های تأخیر زمانی با معکوس زمان، روشی جدید ارائه شده است. نتایج حاصله با روش‌های دیگر مقایسه شده و دقت آن بررسی شده است.

Published Papers in Conferences:

- F. Ghomanjani, M. H. Farahi, **A new approach for the Optimal control of time varying**

linear delay systems, 5th Iranian Conference on Applied Mathematics

September 2-4, 2013, Bu-Ali Sina University.

- F. Ghomanjani, M. H. Farahi, A. Vahidian Kamyad, **Bezier curves for solving nonlinear-quadratic**

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