

## Agamirza Bashirov (DISTINGUISHED MEMBER)

<b>Area:</b>	MATHEMATICS – ANALYSIS
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<b>Online Research Profiles</b>	<a href="https://scholar.google.com/citations?user=I012h1EAAAAJ">https://scholar.google.com/citations?user=I012h1EAAAAJ</a> <a href="https://www.webofscience.com/wos/author/record/309199">https://www.webofscience.com/wos/author/record/309199</a>
<b>Research Area Keywords</b>	<ul style="list-style-type: none"><li>➤ Systems theory</li><li>➤ Stochastic calculus</li><li>➤ Stochastic differential equations</li><li>➤ Controllability of deterministic and stochastic systems</li><li>➤ Kalman filtering</li><li>➤ Stochastic optimal control</li><li>➤ Wide band noise theory</li><li>➤ Non-Newtonian calculi</li><li>➤ Multiplicative real and complex calculi</li></ul>
<b>Recent Supervised Theses / Projects</b>	<p>Ph.D. Theses:</p> <ol style="list-style-type: none"><li>1) On an alternative view to complex calculus – Sajedah Norozpour (2018).</li><li>2) Kalman filtering under wide band noises – Kanda Jamal Abuassba (2018).</li><li>3) Partial approximate controllability of stochastic semilinear control systems – Noushin Ghahramanlou (2015).</li><li>4) Partial complete controllability of stochastic semilinear control systems – Maher Jneid (2014).</li><li>5) On continued fractions – Mahmoud Jafari (2013).</li></ol> <p>M.Sc. Theses:</p> <ol style="list-style-type: none"><li>1) Non-Newtonian calculi and their perspectives – Abdulaziz Maghrabi (2023)</li><li>2) Cubic calculus – Saner Fidan (2023).</li><li>3) On concepts of controllability – Erol Azmidolu (2020).</li><li>4) Stochastic calculus -Bubacarr Kandeh (2020)</li><li>5) Fluid mechanics and Navier-Stokes equation - Poyan Badayat (2017)</li></ol>