


## Brief CV

<b>Name</b>	Galina	中文名	-	
<b>Gender</b>	Female	<b>Title</b> (Pro./Dr. )	Dr. of science, Full Professor	
<b>Position</b> ( President )	Head of the department	<b>Country</b>	Azerbaijan	
<b>University/ Department</b>	Baku State University			
<b>Personal Website</b>	<a href="http://mechmath.bsu.edu.az/en/content/computational_mathematics_505">http://mechmath.bsu.edu.az/en/content/computational_mathematics_505</a>			
<b>Research Area</b>	Numerical solution of the initial-value problem for the ODE, investigation of the integro-differential equations of Volterra type.			

**Brief introduction of your research experience:**

Galina Mehdiyeva is a known mathematician of Azerbaijan who working in the field of computational mathematics. She investigated integral equation of Volterra and Fredholm type by the iteration methods. She has define the sufficient conditions for convergence constructed methods

G.Y. Mehdiyeva has constructed special methods for solving integral equations of Volterra type, by using which the number of calculations of the integral kernel at each step remains constant. She defined sufficient conditions for their convergence. Given that these methods represent new directions in the theory of numerical methods for solving integral equations, she has constructed methods at the junction of one-step methods and multistep methods applied to the solution of integral and integro-differential equations of Volterra type. She has constructed methods with extended stability region for the solution of integral and integro-differential equations of Volterra type using special test equation.

\*\*\*\*\*All the columns need to be filled in.