

1093-35-262

Alexander L Shklyarevsky* (shklyarevs@aol.com), 2-39 27th Street, Fair Lawn, NJ 07410.

Analytical Approaches to Solution of PDEs and PIDEs and their Application to Physics and Mathematical Finance.

The purpose of this presentation is to highlight new methods, directions and recent research in analytical methods of solution for partial differential equations, partial integro-differential equations and their application to physics and mathematical finance. We will overview the entire analytical domain but will focus more on certain methodologies and approaches.

I am interested to be included in the AMS special session SS 14A. (Received August 18, 2013)