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Operators of Fractional Integration and Their Applications

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Message from the Guest Editors

Nowadays, it has been discovered that numerous types of fractional integral and derivative operators have been observed to be extremely significant and productive. This is because of their demonstrated applications. Many of these fractional operators offer intriguing, potentially helpful tools for solving integral and integro-differential equations, as well as investigating optimal control the problem of fractional systems.

On the other hand, differential and integral fractional equations have been solved successfully by calculating the fixed point for fractional integral operators. By bearing in mind that virtually many real-world problems may be transformed into problems of fractional differential and integral equations. So, we can reach a conclusion about the importance of the fractional integral operators together with fixed point theory in qualitative science and technology.

In this Special Issue, we welcome contributions addressing the current developments in the theory of fractional integrals and derivatives, as well as their applications.

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