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Fractional Blood Flow in Oscillatory Arteries with Thermal Radiation and Magnetic Field Effects

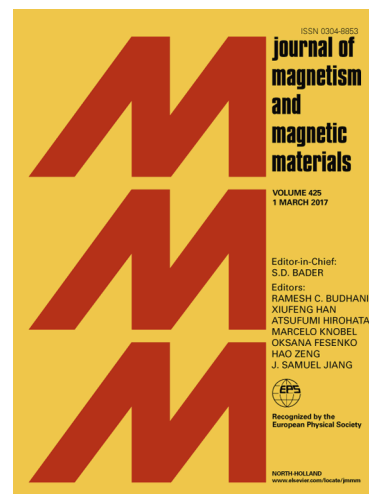
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# Fractional Blood Flow in Oscillatory Arteries with Thermal Radiation and Magnetic Field Effects

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## Highlights

- Pulsatile blood flow in arteries, in the presence of magnetic field, radiations and body acceleration is addressed via fractional-derivative equations.
- Velocity and temperature distributions are found using the Laplace and Hankel transforms.
- Velocity and temperature distributions display new features under the influence of the fractional, magnetic and thermal radiation parameters.

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