# Erratum to: Several Articles in Journal of Applied Mechanics and Technical Physics

**DOI:** 10.1134/S0021894420070238

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# Phenomenological Simulation of the Phase and Structural Deformation in Shape Memory Alloys. One-Dimensional Case

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Received December 11, 2017; revised January 24, 2018; accepted January 29, 2018

**DOI**: 10.1134/S0021894419070125

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1149—1161. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 1, pp. 36–50.

#### Shear Banding of a Fluid Flow with a Nonmonotonic Dependence of the Flow Stress on the Strain Rate

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Received January 16, 2018; revised January 28, 2018; accepted February 5, 2018

**DOI**: 10.1134/S002189441907006X

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1162–1174. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 1, pp. 68–78.

### Simulation of the Response of Microferrogel to External Magnetic Field

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Received November 23, 2018; revised February 13, 2019; accepted February 19, 2019

**DOI**: 10.1134/S0021894419070113

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1175–1183. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 1, pp. 111–119.

1278 ERRATUM

### Estimation of the Possibility to Equalize the Fluid Temperature in a Hydrolevelling System by Mixing

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Received April 18, 2018; revised June 6, 2018; accepted June 7, 2018

**DOI**: 10.1134/S0021894419070071

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1197–1208. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 2, pp. 202–213.

# Mathematical Modeling of Failure Process of AlMg2.5 Alloy in High and Very High Cycle Fatigue

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Received September 13, 2018; revised September 26, 2018; accepted September 26, 2018

**DOI**: 10.1134/S0021894419070022

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1209–1219. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 3, pp. 323–334.

# Influence of Hydrodynamic Regimes on Mixing of Waters of Confluent Rivers

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Received September 4, 2018; revised October 10, 2018; accepted October 12, 2018

**DOI**: 10.1134/S0021894419070083

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1220–1227. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 3, pp. 354–361.

ERRATUM 1279

# Secondary Convection Regimes in a Fluid with a Temperature-Dependent Viscosity in a Plane Vertical Layer

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Received August 2, 2018; revised October 6, 2018; accepted October 8, 2018

**DOI**: 10.1134/S0021894419070095

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1228—1236. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 4, pp. 369—377.

#### **Turbulent Convection of Liquid Sodium** in an Inclined Cylinder of Unit Aspect Ratio

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Received October 11, 2018; revised November 2, 2018; accepted November 2, 2018

**DOI**: 10.1134/S0021894419070101

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1237—1248. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 4, pp. 417—428.

#### Analysis of the Spatial Vibrations of Coaxial Cylindrical Shells Partially Filled with a Fluid

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Received November 12, 2018; revised December 3, 2018; accepted December 5, 2018

**DOI**: 10.1134/S0021894419070046

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1249–1263. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 4, pp. 448–462.

#### Modeling of the Marangoni Instability of Uniform Diffusion through an Interface in Weightlessness Conditions

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Received October 23, 2018; revised December 14, 2018; accepted December 18, 2018

**DOI**: 10.1134/S0021894419070034

Journal of Applied Mechanics and Technical Physics, 2019, Vol. 60, No. 7, pp. 1264–1277. © Pleiades Publishing, Ltd., 2019. Russian Text © The Author(s), 2018, published in Vychislitel'naya Mekhanika Sploshnykh Sred, 2018, Vol. 11, No. 4, pp. 463–475.