

Doç.Dr. ERMAN ASLAN

Kişisel Bilgiler

E-posta: erman.aslan@kocaeli.edu.tr

Diğer E-posta: aslan.erman@gmail.com

Web: <https://avesis.kocaeli.edu.tr/erman.aslan>

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Enerji, Termodinamik

Akademik Unvanlar / Görevler

Doç.Dr., Kocaeli Üniversitesi, Mühendislik Fakültesi, Makina Mühendisliği, 2021 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A Numerical Analysis of Convection Heat Transfer and Friction Factor for Oscillating Corrugated Channel Flows**
Aslan E., Ozsaban M., Ozcelik G., Guven H. R.
HEAT TRANSFER ENGINEERING, cilt.42, ss.181-190, 2021 (SCI İndekslerine Giren Dergi)
- II. **Computational investigation of the velocity and temperature fields in corrugated heat exchanger channels using RANS based turbulence models with experimental validation**
ASLAN E., Taymaz I., Islamoglu Y., Engin M., Colpan I., Karabas G., Ozcelik G.
PROGRESS IN COMPUTATIONAL FLUID DYNAMICS, cilt.18, sa.1, ss.33-45, 2018 (SCI İndekslerine Giren Dergi)
- III. **Finite volume simulation for convective heat transfer in wavy channels**
ASLAN E., Taymaz I., Islamoglu Y.
HEAT AND MASS TRANSFER, cilt.52, sa.3, ss.483-497, 2016 (SCI İndekslerine Giren Dergi)
- IV. **Numerical investigation of the heat transfer and pressure drop on tube bundle support plates for inline and staggered arrangements**
Asian E.
PROGRESS IN COMPUTATIONAL FLUID DYNAMICS, cilt.16, sa.1, ss.38-47, 2016 (SCI İndekslerine Giren Dergi)
- V. **Investigation of LBM curved boundary treatments for unsteady flows**
ASLAN E., Taymaz I., Benim A. C.
EUROPEAN JOURNAL OF MECHANICS B-FLUIDS, cilt.51, ss.68-74, 2015 (SCI İndekslerine Giren Dergi)
- VI. **NUMERICAL INVESTIGATION OF INCOMPRESSIBLE FLUID FLOW AND HEAT TRANSFER ACROSS A BLUFF BODY IN A CHANNEL FLOW**
Taymaz I., Aslav E., Benim A. C.
THERMAL SCIENCE, cilt.19, sa.2, ss.537-547, 2015 (SCI İndekslerine Giren Dergi)
- VII. **A note on modelling non-rectangular boundaries by the Lattice Boltzmann Method**
Asian E., Nahavandi A., Taymaz I., Benim A. C.

PROGRESS IN COMPUTATIONAL FLUID DYNAMICS, cilt.12, sa.6, ss.433-438, 2012 (SCI İndekslerine Giren Dergi)

- VIII. **Lattice Boltzmann Method for Laminar Forced Convection in a Channel with a Triangular Prism**
Benim C., ASLAN E., Taymaz I.

HEAT TRANSFER RESEARCH, cilt.42, sa.4, ss.359-377, 2011 (SCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Numerical investigation for convective heat transfer and friction factor under pulsating flow conditions**

ASLAN E., Ozsaban M., Ozcelik G., Guven H. R.

11th International Conference on Computational Heat, Mass and Momentum Transfer (ICCHM2T), Cracow, Polonya, 21 - 24 Mayıs 2018, cilt.240

- II. **Application of the Lattice Boltzmann Method to Steady Incompressible Laminar High Re Flows**

Benim A. C., ASLAN E., Taymaz I.

7th IASME/WSEAS International Conference on Fluid Mechanics and Aerodynamics (FMA'09), Moscow, Rusya, 20 - 22 Ağustos 2009, ss.220-221

Atıflar

Toplam Atıf Sayısı (WOS):44

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