

Contents

Dawid M. Halejcio, Katarzyna Major-Gabryś

The Influence of Modified Inorganic Binders Intended for 3D Printing
on Selected Properties of Thermally Cured Moulding Sands –
Conventionally and with Microwaves

1

Andriy Burbelko, Piotr Stręk

Determination of the Heat Transfer Coefficient
in the Isothermal Quenching Process of
ADI Cast Iron Cooled with Water Mist

10

Bogusław Bożek, Marek Danielewski, Lucjan Sapa

Quaternionic Quantum Mechanics: the Particles, Their q -Potentials
and Mathematical Electron Model

16