

New approach to investigating plasma processes occurring in friction units of machines and mechanisms

Sharifullin S., Rogozhkin N.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© Published under licence by IOP Publishing Ltd. Under the low temperature plasma usually we realize discharge plasma with a temperature of up to 50 000 °C. It turns out there is a discharges, which at first glance do not manifest themselves immediately, but play a crucial role in the creation of competitive vehicles, machinery and equipment with increased service life.

<http://dx.doi.org/10.1088/1757-899X/69/1/012039>
