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to the classical Hertz's theory [5] i.e. $a^* = PR/K$, that ...

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Description Tribology: Friction and Wear of Engineering Materials, Second Edition covers the fundamentals of tribology and the tribological response of all classes of materials, including metals, ceramics, and polymers.

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He is the sole author of the first edition of 'Tribology: Friction and Wear of Engineering Materials' published in 1992, as well as numerous journal and conference papers. In 1994, he was awarded the Tribology Trust Silver Medal, in 2000 the Donald Julius Groen Prize by the Institution of Mechanical Engineers and in 2007 the Staudinger-Durrer Prize by ETH Zürich.

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Previous work on this topic underlined the multidisciplinary nature of friction and wear, which requires knowledge drawn from contact mechanics, materials science, chemistry and physics in general. Friction is one of the main sources of energy dissipation between the contact surfaces and the dissipation of energy is the main cause of wear.

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