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design decisions, Friction and Wear of Materials evaluates the

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Friction and Wear Materials - Clutch Engineering

By Ernest Rabinowicz. Published by John Wiley and Sons, Inc. in 1965. Friction and Wear of Materials. Worn dust jacket; Writing in pen on front free page; Yellowing of pages. Weight: 2 lbs. 4-wear.pdf - 1 Friction and wear MEEN40630 Biomaterials ... Friction and wear of rubber-like materials as a function of the load P, the radius R of the rigid sphere, the elastic parameter K defined from Young's modulus E and Poisson's ratio ν of the elastic body such that $A'' = (4/3)(1 - \nu^2)$, and the thermodynamic work of adhesion (Dupre's energy) w : $3 PR R \{ 3TTwR + [6-n-wRP + (37rWR)^2]^{1/2} \} a^{-1} + \hat{A} (1)$ In this equilibrium relationship the second term on the right-hand side represents the correction to the classical Hertz's theory [5] i.e. $a^{\hat{A}} = PR/K$, that ...

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Materials | Special Issue : Friction and Wear of Materials ...

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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