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This book offers a systematic compilation of current knowledge of tribology and mechanics as applied to magnetic storage devices. It treats all important practical aspects, including surface roughness, friction, interface temperatures, wear, lubrication, lubricants, and surface finishing.

of tribology and mechanics of magnetic storage devices. The subject has matured into a rigorous discipline, and many university tribology and mechanics courses now routinely contain material on magnetic storage devices. The major growth in the subject has been on the micro- and nanoscale aspects of tribology and mechanics. Today, most large

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The increasing demand for higher-density, highly remarkable magnetic recording requires a fundamental understanding of the tribology and mechanics of the magnetic head-medium interface. The first-of-its-kind monograph offers a systematic compilation of current knowledge of tribology and mechanics as applied to magnetic storage devices.

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