



2D metallic transition metal dichalcogenides : fundamentals and applications /

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Monografía

"Owing to possession of idiosyncratic physical attributes together with inherent magnetism, superconductivity and charge-density-wave order leads to potential usage over diverse domains, e.g., high-end microelectronic strategies, energy conversion and storage, catalysis, etc. 2D metallic TMDs have clutched extensive contemplation in the current time. Upon a thorough revisitation of a great deal of relevant literature, a visible dearth of a comprehensive compendium regarding such substances has been deeply realized. This edited book is aimed at filling such a gap via the presentation of eight different chapters devoted to systematically discussing fundamentals and applications of 2D metallic TMDs, so as to enable the readers to attain an inclusive concept and adequate knowledge regarding such materials"--

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Macchindra Pardhi, Vaibhav Wagh and Brahmananda Chakraborty -- Field emission applications of metallic 2D TMDs / Dattatray J. Late and Chandra Sekhar Rout -- Conclusion and future directions / Chandra Sekhar Rout and Brahmananda Chakraborty

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