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Sommario/riassunto

In recent years, the utilization of terpyridines both in macromolecular structure assembly and device chemistry has exploded, enabling, for example, supramolecular polymer architectures with switchable chemical and physical properties as well as novel functional materials for optoelectronic applications such as light-emitting diodes and solar cells. Further applications include the usage of terpyridines and their metal complexes as catalysts for asymmetric organic reactions and, in a biological context, as anti-tumor agents or biolabels. This book covers terpyridine-based materials topics