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Sommario/riassunto

Femtocells are low-power wireless access points used in the home and office. They operate in licensed spectrum to connect standard mobile phones (WCDMA, LTE, WiMAX, CDMA and GSM) and other mobile devices to a mobile operator's network via standard broadband internet connections. This technology is of high interest for mobile operators and for millions of users who will benefit from enhanced access to mobile broadband services. Femtocells outlines how wireless access points can be used by mobile operators to provide high-speed wireless access, enhancing coverage and capacity and delivering entirely new services, while maximising the benefits of licensed spectrum. The book examines the market, exploring commercial and technical factors which are critical in the initial deployment and long-term success of femtocells. Business, standards and regulatory aspects are also considered to provide a complete but concise overview. . One of the first authoritative texts to concentrate on femtocells. Written by expert authors from industry including leading analysts, femtocell and system vendors. Covers both technology and business aspects in detail. Provides overview of the relevant standards across WCDMA, LTE, CDMA, WiMAX and GSM air interfaces.
