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Visible Light Communication: a Brief Review

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Abstract. A brief review is devoted to an evolving technology of visible light communication. The information volume transferred between users is increasing and visible light communication is becoming the option for organizing information transfer channel due to the license free broadcasting frequency range, high communication channel capacity, high noise-immunity, and high-level communication channel security. The paper presents various data transfer systems based on white phosphor LEDs and RGB LEDs by various modulation and signal processing schemes to increase the data rate.

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