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Sommario/riassunto	Mixed and Augmented Reality displays extend the user's perception with computer generated information. This information is typically registered in three-dimensional space, and related to objects and places in the physical world. While individual annotation of objects has historically been a topic of MR research, visualization incorporating multiple related data points or models provides a variety of new research challenges in systems and techniques. For example, photorealistic augmented reality visualization presents data by adapting additionally presented imagery to the real world condition while illustrative visualization techniques aim at enhancing the understanding of augmented scenarios by carefully combining and mediating real and virtual data. Situated visualization techniques present virtual representations of data in relevant locations in the physical scene. A challenge in many of these techniques is the need to correctly communicate the relationships between physical imagery and virtual data.