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## **Computer Graphics Techniques in CAD Applications**

Review of R&D works conducted at KIAM RAS (<http://www.keldysh.ru/>) on computer graphics applications is presented in the report. It is focused on visualization of exterior and interior architecture design, simulation of optical light guiding systems like PLED and car headlights, simulation and visualization of multilayer paint coatings with complex internal microstructure. The approach used is based on physically accurate simulation of light propagation .