A Novel Underwater Image Synthesis Method Based on a Pixel-LevelSelf-Supervised Training Strategy
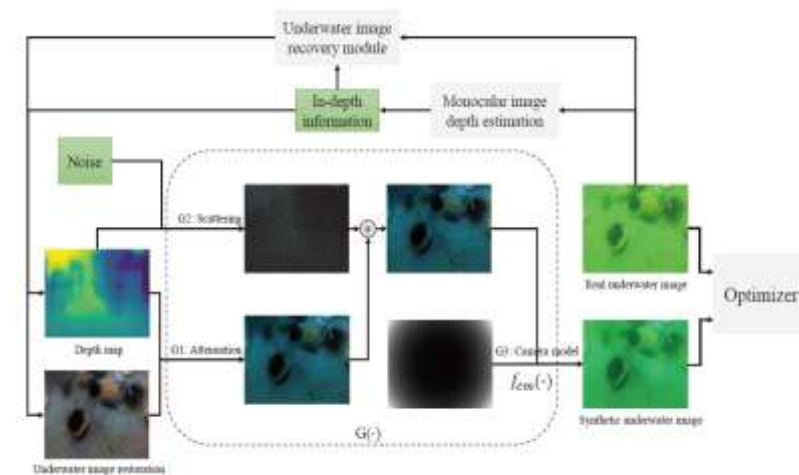
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- An underwater image synthesis method is proposed to generate various underwater images.

- Pixel-level supervision is designed to make sure the authenticity of the synthetic underwater image.

- A self-supervised training strategy is proposed to reduce the difficulty of data preparation and also improve the training performance.

Architecture of the synthesis model.