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(57) Abstract :
Numerous issues have arisen as a result of the massive increase in the global population. The most critical is to ensure that there is sufficient food for everyone. Pests and diseases have a variety of negative effects on the economy. They slaughter livestock, reduce productivity, and discourage consumers from purchasing the goods they produce. Numerous crop diseases and pests can reduce yields by more than 50%, if not completely destroy the crop. Precision farming has evolved as a result of the Internet of Things (IoT) and image processing techniques for disease detection, among other advancements. Deep neural networks for plant disease detection are gaining popularity due to their ability to monitor a large field of crops and the symptoms that occur when a plant's leaves are infected with a disease.

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