# Summary on PPT 1+2+3

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# Summary

As the first part of an academic paper, introduction should contain some necessary content, such as background, purpose and innovation.

The review should be evaluative and critical of the studies or ideas which are relevant to the current work. For general reference, the present perfect tense (have/has+verb +ed) tends to be used, for the words or ideas of writers, the present tense is often used.

The Methods section should be clear and detailed enough for another experienced person to repeat the research and reproduce the results.

# Sentence

For moving object detection, accurate classification of pixels with lowest false error is very crucial for the overall success.

The rest of the paper is organized as follows. In Section 2, the proposed algorithms are reported in detail. The qualitative and quantitative experiments results and its discussion are reported in Section 3 and finally, Section 4 concludes our work done and presents future research directions.

Wren. have modeled each pixel using single Gaussian distribution. The parameters of Gaussian (i.e. mean and variance) are learned from history data. The background at each pixel is modeled by fitting a Gaussian probability distribution function (PDF). A pixel will be labeled as foreground if it does not belong to the PDF. It is well suited for indoor environments but fails in outdoor scenes.

Each pixel is related to a vector which consists of central pixel and neighbouring pixel and is generated by a row-major ordering of a region of support. To detect change between two pixels, a linear independence test is carried out by the vectors of corresponding pixels.