**1. Exponential Moving Average (EMA) Background Subtraction**

* **Adaptive Background Subtraction Based on Exponential Filtering**  
  This study explores the use of exponential filtering for adaptive background subtraction, particularly in through-the-wall localization and tracking systems.

<https://www.researchgate.net/publication/228628916_Detection_and_localization_of_persons_behind_obstacles_using_M-sequence_through-the-wall_radar>

**2. Gaussian Mixture Model (GMM) Background Subtraction**

* **Adaptive Background Mixture Models for Real-Time Tracking**  
  A seminal paper introducing the use of Gaussian Mixture Models for background subtraction in real-time tracking applications.

<https://www.researchgate.net/publication/3813345_Adaptive_Background_Mixture_Models_for_Real-Time_Tracking>

* **Background Subtraction Based on Gaussian Mixture Models Using Color and Depth Information**  
  This paper proposes a background subtraction method that combines color and depth information within a GMM framework to improve accuracy.

<https://www.researchgate.net/publication/283026260_Background_subtraction_based_on_Gaussian_mixture_models_using_color_and_depth_information>

**3. K-Nearest Neighbors (KNN) Background Subtraction**

* **A Novel Background Subtraction Algorithm for Person Tracking Based on K-NN**  
  This research introduces a background subtraction algorithm leveraging the K-Nearest Neighbors approach for improved person tracking.

<https://www.researchgate.net/publication/312132484_A_Novel_Background_Subtraction_Algorithm_for_Person_Tracking_Based_on_K-NN>

* **Comparative Study of Background Subtraction Algorithm for Moving Object Detection**  
  This study compares various background subtraction algorithms, including KNN, providing insights into their performance in different scenarios.

<https://www.researchgate.net/publication/257365159_Comparative_study_of_background_subtraction_algorithms>