




## Cyber Technologies and Emerging Sciences pp 411–418

[Home](#) > [Cyber Technologies and Emerging Sciences](#) > Conference paper

# GAIT Recognition Technique Using Gait Energy Decomposition Method

[B. T. Archana](#) , [A. V. S. L. Ramya](#) & [T. Surendra](#)

Conference paper | [First Online: 30 August 2022](#)

**158** Accesses

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 467)

## Abstract

Gait recognition technique is a biometric approach adopted for identifying the user at a distance by the way they are walking. This is very helpful in surveillance environments such as banks, offices. Here two challenges in gait recognition technique are addressed one unknown walking pattern and dissimilarity in appearance due to items carrying or clothes wearing. From the Gait Energy Image (GEI)