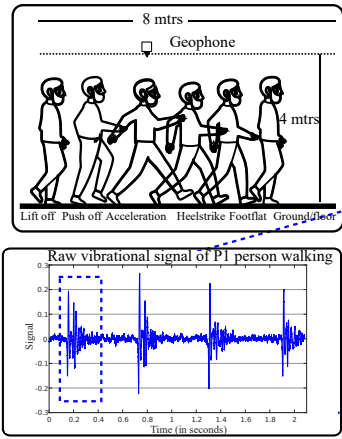


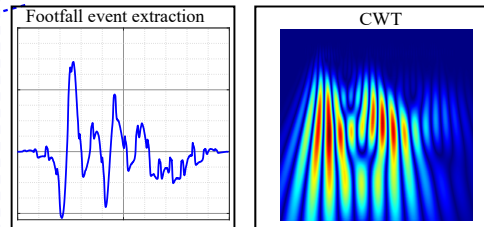
Data Recording



(a) Data Collection

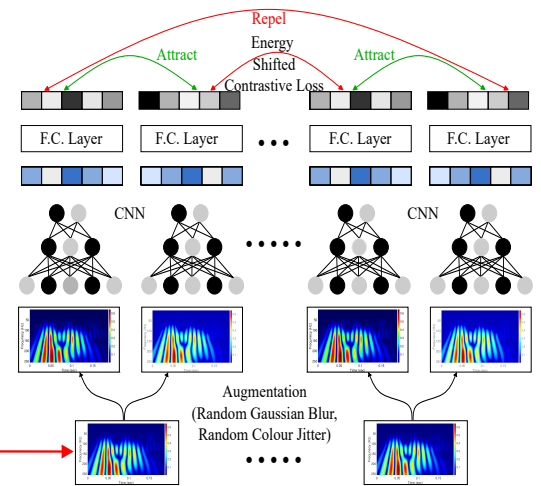
Footstep Event Extraction

Continuous Wavelet Transform (CWT)



(b) Data preprocessing and Dataset creation

Contrastive Loss Framework



(c) Contrastive Loss Framework