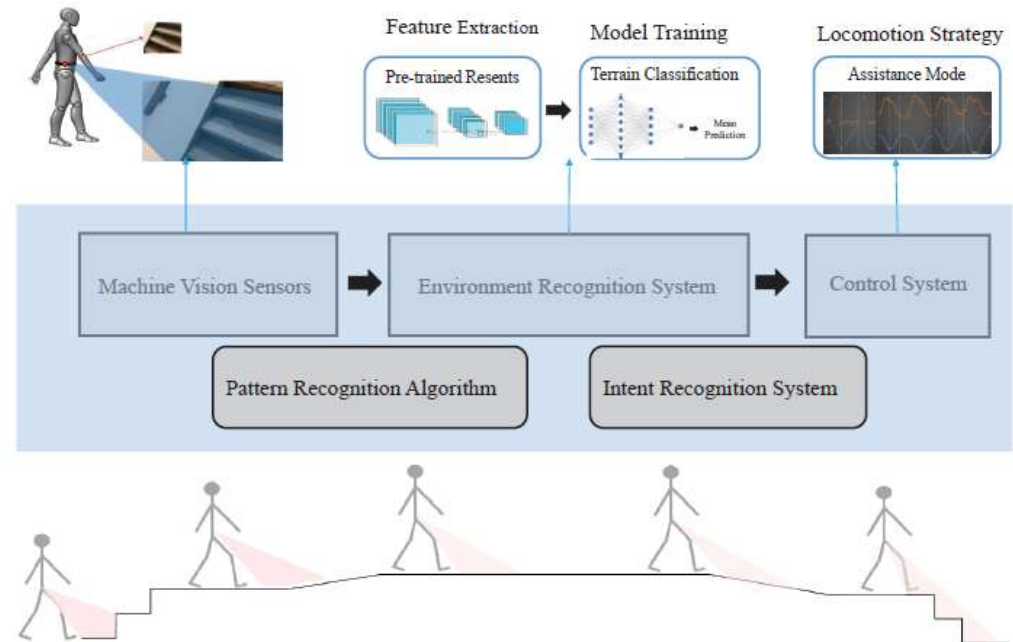


# environment classification and recognition for soft lower-limb exosuit

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- Reliable environmental context prediction is critical for wearable robots to assist terrain-adaptive locomotion.
- terrain classification and recognition system (TCRS) is designed for lower-limb soft exosuit robots.
- The results in this study may lead to novel context recognition strategies in reliable decision-making, improved intelligent system design in various applications.



Automatic motion pattern adaptation of soft lower-limb exosuit based on terrain recognition.