

Mathematical Modelling of Cumulative Usage Tracking Systems in Smart Devices Using Speedometer-Like Dynamic Measurement Principles

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Introduction

- ▶ Inspired by vehicle speedometers
- ▶ Tracking cumulative device usage
- ▶ Integrating applied mathematics

Research Objective

To develop a mathematical model for monitoring cumulative usage in smart devices based on speedometer-like principles.

Illustrative Diagram



Methodology



Applications

- Smartphones
- IoT Devices
- Wearable Technology

Key Concepts

- Dynamical Systems
- Integral Modelling
- Sensor Integration

Conclusion

A model for advanced usage tracking in intelligent devices.

Keywords: Mathematical Modelling | Dynamical Systems | Smart Devices | Usage Tracking | Intelligent Systems