

A Co-Simulation Virtual Reality Machinery Simulator for Advanced Precision Agriculture Applications

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1. Summary

1.1. research talked about dynamics of vehicle similar to a agricultural tractor. it talked about monitoring tractor forces exchanged with ground, it talked about fuel consumption. which is the requirements of this research

1.2. They further discussed about how virtual reality is important to test in this research of precision agriculture

1.3. it talked about based on operating condition, vehicle dynamics and gave a field result.

1.4. the showed relatedness with digital twin

2. Limitations

2.1. There author could have talked more about how it is working on field. as i believe natural causes like soil condition is important. Do the simulation provides all weather and soil condition sustainability

2.2. There is nothing about how much it helped the farmer to be more profitable than traditional agriculture.

2.3. Research didn't talk much about geological aspect.