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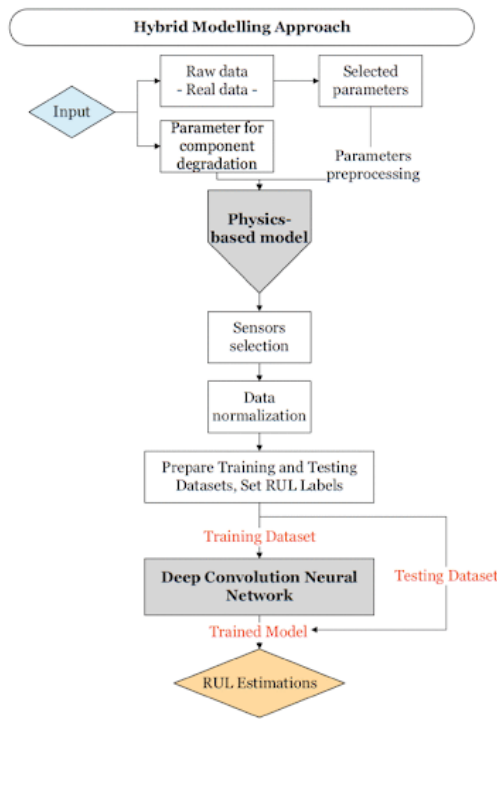
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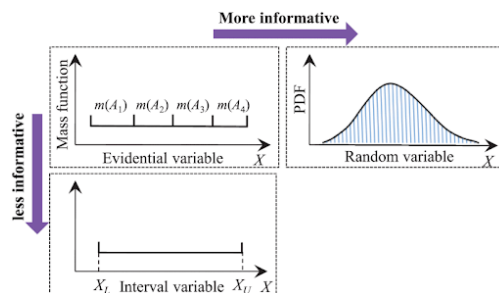
## Featured Articles

[A Hybrid Model-Based Approach on Prognostics for Railway HVAC](#)



This research proposes a hybrid digital twin for the predictive maintenance of an HVAC system. The hybrid digital twin combines physics-based and data-driven models to perform prognostics on complex and critical systems. Thus, the proposed hybrid digital twin offers a promising direction for future research in PHM applications and enables the possibility of implementing prognostics models for critical components of complex and critical systems – those components for which it is usually difficult or impossible to obtain data when they are working in advanced stages of degradation.

## Reliability-Box of Systems Under Model Parameter Uncertainty Based on Evidential Variable and Evidential Network



This work studies the reliability assessment of multi-state systems under epistemic uncertainty from a new framework of evidential variables, which is becoming one of the mainstreams in the uncertainty area.

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Regards,

Zhaojun (Steven) Li, PhD  
Lead Associate Editor, Reliability Society Section, *IEEE Access*

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