

Remaining useful life

This study proposes Dynamic Warping (DW) as a sensor reconstruction method for Remaining Useful Life (RUL) estimation. The method utilizes the DW model for sensor reconstruction, ...

The prediction of remaining useful life (RUL) of manufacturing equipment is a critical task in prognostics and health management (PHM). There is a large amount of uncertain information ...

The service life or useful life of an asset is the total expected operational lifetime from the moment an asset is installed until it's retired, while RUL is the remaining portion from the current point ...

Traditional data-driven methods need to be based on manually designed features to achieve health state recognition and thus predict the remaining useful life (RUL) of a bearing. Under ...

Accurate prediction of lithium-ion batteries' remaining useful life (RUL) is critical for system reliability and safety. This study proposes a novel forecasting framework that fuses modal ...



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