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Modélisation du comportement à la fatigue et à la fissuration d'un bogie de train

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Abstract : This study is on the modeling of a self-rail in order to highlight some defects bogie. Indeed, during the operation it was noticed premature deterioration axes bogie. The purpose of this model is to present a numerical model to predict the mechanical behavior under various loads. The numerical model and geometry will be directed by Ansys software.

Keywords : Modélisation; Comportement mécanique; Fissures; Axes; Bogie