Abnormality Detection in a Contaminated Diesel Engine by a Vibration Monitoring Method			
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toring system (CMS) the CMS observes the vibra is based on nearest-neigh contamination test with	thines are essential parts for a trainat detects the failures of the mach tions of a machine and detects ab abor analysis. In this paper, we prove a traction diesel engine, which we abnormal vibrations due to the contract of the contract	ines in the early stage to prevene normal vibrations with a mach resent an improvement of the asseconducted to verify the periods.	ent transport disorders. The hine learning algorithm that algorithm and the result of a formance of the CMS. The