t/8255309/									
			Full- E <i>Xplore</i> for		inization?	REQ	UEST A	FREE TRIAL >	
owse Conferen	ces > Electrical a	and Information T	e 🕜					Back to Results Next	
ault prediction of induction motor using Bayesian network nodel Sign In or Purchase to View Full Text								Related Articles Improving smart card security using self-timed circuits Testing of asynchronous designs by "inappropriate" means. Synchronous approach View All	
2 vuthor(s)	Abdelaziz Lakeł	nal ; ~ Ahmed Ra	mdane					View All Authors	
Abstract	Authors	Figures	References	Citations	Keywords	Metrics	Media		
regarding th applicability knowledge a components failure. With that has bee induction me	e diagnosis a of BN in fault about the sys s. After definir the develope en used, take otors park at	t prediction t prediction on tem's behavio ng the parame ed Bayesian m s into account	of electrical mac an electrical asy ur, the degradati ters and the stru- nodel, the predict both internal an ACH / SKIKDA / (thines failures ynchronous ma on mechanism icture of the Ba tion of induction d external caus	by the use of a f achine. The grap is, the functiona ayesian network n motor failure h ses of induction	Bayesian gra phical structu I decomposit (BN), the inf nas become p motors faults	phical mo re of the E ion and th erence ha possible w s. A censu	I is to explore interesting information del. This paper has shown the 3N was built based on the available he links between the system's as allowed to obtain the probability of <i>r</i> ith high precision. The Bayesian model, us of causes was carried out on re giving some conclusions, a case	

Published in: Electrical and Information Technologies (ICEIT), 2017 International Conference on

Date of Conference: 15-18 Nov. 2017

DOI: 10.1109/EITech.2017.8255309