

Table V:

The summary of FMM and its variants in real-world applications.

Ref	Year	Model	Real-world Application
[52]	1997	FMM	Handwritten Chinese character recognition
[53]	2004	FMM	Printed English character recognition
[54]	2010	FMM	Persian Printed Numeral Characters Recognition
[37]	2008	FMM-GA	Power generation Plant Cooling system
[84]	2007	MFMM	Power generation Plant Cooling system
[101]	1998	FMM	Cooling System of a blast furnace
[86]	2004	FMM with Rule extraction	Power generation Plant Cooling system
[93]	2007	FMM	Robotics Motion
[87]	2012	FMM-CART	FDD Induction Motors
[90]	2013	FMM	FDD Induction Motors
[88]	2013	FMM-CART	offline and online FDD Induction Motors
[89]	2014	FMM-CART	online FDD Induction Motors
[91]	2011	FMM	Electrical Motors
[92]	2013	FMM	FDD Induction Motors
[94]	2015	SVM and FMM	Vehicle Suspension System
[102]	2000	GFMM	Leakage Detection in Water Distribution
[103]	2011	DCFMM	Leakage Detection in Oil Pipeline
[95]	2002	FMM	cellular manufacturing environment
[60]	2006	WFMM	Face Detection
[59]	2006	WFMM	Face Detection
[62]	2007	FMM	Emotion Recognition
[61]	2007	WFMM	Human Action Recognition
[63]	2011	FMM	Iris Recognition
[68]	2006	RFMM	Object Recognition
[69]	2013	FMCN	Object Recognition
[70]	2015	FMCN	Object Recognition
[58]	2010	MFMCN	Online Signature
[57]	2009	FMM	Signature Recognition