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	Test Set A		Test Set B	
	Detect	False	Detect	False
	Rate	Alarms	Rate	Alarms
SVM	97.1 %	4	74.2%	20
Sung ct al.	94.6~%	2	74.2%	11

## Kernel used: Polynomial of degree 2

(Osuna, Freund, Girosi, 1998)













## Example: Learning to Drive



Need to map sensor readings to continuous motor commands (this is the problem of regression)





















