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# Chapter 1

## Support Vector Machines

The SVM<sup>1</sup> is used widely in the area of pattern recognition. **SVMs** are ... (but beware, converting the initial letter to upper case for a small caps acronym is sometimes considered poor style).

Short version: **SVM**. Long version: **support vector machine**. Full version: **SVM (support vector machine)**. Description: Statistical pattern recognition technique [1].

This is the entry in uppercase: **SVM**.

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<sup>1</sup>support vector machine

## Chapter 2

# Kernel Support Vector Machines

The `K SVM`<sup>1</sup> is an `SVM` that uses the so called “kernel trick”. This is the entry’s description without a link: Statistical pattern recognition technique using the “kernel trick”.

Possessive: `K SVM’s`<sup>2</sup>. Make the glossary entry number bold for this one `SVM`<sup>3</sup>.

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<sup>1</sup>kernel support vector machine

<sup>2</sup>kernel support vector machine

<sup>3</sup>support vector machine

# Bibliography

[1] ...

# Acronyms

**K SVM (kernel support vector machine)**

Statistical pattern recognition technique using the “kernel trick”. [3](#), *see also* [SVM](#)

**SVM (support vector machine)**

Statistical pattern recognition technique [\[1\]](#). [2](#), [3](#)