| CSCE 970: Pattern Recognition | Spring Semester, 1999 |
|---|---|

# Topic [topic number]: [topic name]

*Lecturer: Stephen Scott* — *Scribe: [scribe name]*

## 1 Introduction

High-level overview of what you'll discuss

## 2 Review of . . .

Review of material from previous lecture(s), if necessary. This is to make this transcription self-contained for the reader.

## 3 [main section]

Well-written, organized overview of the material, going into at least as much depth as the lecture, or a little more if desired or necessary. Organize with subsections, use figures and tables, etc. Cite any sources you use besides the text. I prefer a numbering citation system, e.g. [1].

### 3.1 [example subsection]

etc. etc.

.

Figure 1: [example figure: could be picture, pseudocode, etc.]

### 3.2 [another example subsection]

etc. etc., which leads us to the following theorem.

**Theorem 1** *example theorem, if relevant to the material.*

**Proof:** *If the proof is interesting and can be given in less than a page, consider giving it here. If it too long for a complete treatment but the main ideas are interesting, give a proof sketch, replacing the text* **Proof** *with* **Proof Sketch***, using the* `\proofsketch` *macro in LaTeX.*

*You may omit any uninteresting or trivial proofs. Always terminate a proof with a QED symbol, such as a filled-in box.* ■

## References

Only include this if you cite external sources. There is no need to cite the textbook. Use the `\bibliography` command if you use LaTeX. Alphabetize your references.