NOTES ON RANDOM MATRICES

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(notes by (STUDENTS IN MATH 8380 COURSE))

CONTENTS

(ON THE TEX STYLE)

1. Please do not define and use any `\newcommand` commands!

2. Try to be consistent — use environments provided:

```
\begin{theorem}
        A theorem.
\end{theorem}
\begin{proof}[Idea of proof]
        And here is an equation:
        \begin{align*}
                a^2+b^2=c^2.
        \end{align*}
        This concludes the proof.
\end{proof}
```

The above code produces:

Theorem 0.1. *A theorem.*

Idea of proof. And here is an equation:

$$a^2 + b^2 = c^2.$$

This concludes the proof. □

Use `align` or `multline` for displayed equations.

3. Full list of theorem environments defined:

```
\newtheorem{proposition}{Proposition}[section]
\newtheorem{lemma}[proposition]{Lemma}
\newtheorem{corollary}[proposition]{Corollary}
\newtheorem{theorem}[proposition]{Theorem}
\newtheorem{definition}[proposition]{Definition}
\newtheorem{remark}[proposition]{Remark}
\newtheorem{example}[proposition]{Example}
\newtheorem{exercise}[proposition]{Exercise}
```

4. Use `\note` command to insert notes: (THIS IS A NOTE).

5. You can email me your TEX files, or use GitHub's pull-requests mechanism.

1. Introduction

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References

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