

How to exchange comments with coauthors on a tex file

Jun O'Hara

Department of Mathematics, Tokyo Metropolitan University

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Abstract

An effective way to exchange your comments with coauthors on a .tex file is presented.

Suppose you prepare a multi-authored article and exchange the tex file with your comments. Communication among coauthors would be easier to read if each author use a different color for their comments. For example,

If a manifold M is simply connected then M is homeomorphic to a sphere. \mathcal{T} : **The statement does not hold in general.** \mathcal{J} : **What is a condition you need?** \mathcal{B} : **We should put "Suppose M is diffeomorphic to a sphere"** ...,

where \mathcal{T} , \mathcal{J} , and \mathcal{B} are initials of the coauthors. The tex file is

```
\usepackage{color}

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\long\def\t#1{\textcolor[named]{WildStrawberry}{\bf $\mathcal{T}$: }}
\textcolor[named]{Purple}{\large \bf {#1}}}

\long\def\j#1{\textcolor[named]{Peach}{\bf $\mathcal{J}$: }}
\textcolor[named]{Blue}{\large \bf {#1}}}

\long\def\b#1{\textcolor[named]{Rhodamine}{\bf $\mathcal{B}$: }}
\textcolor[named]{Green}{\large \bf {#1}}} %was PineGreen
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

If a manifold  $M$  is simply connected then  $M$  is homeomorphic to a sphere.
\t{The statement does not hold in general.}
\j{What is a condition you need?}
\b{We should put \lq\lq Suppose  $M$  is diffeomorphic to a sphere''}
```

We remark that the command `\long` might be unnecessary.