English Version (last updated 10/22/2024):

**Overall**

* Consistency for all terms
* Focus and Create connections between paragraphs
  + Think about what the reader expects to see
  + Every Paragraphs needs to have transition
* Focus on paragraphs being logical and terms being consistent
* Double check notations for naming consistency
* If table/image does not provide more relevant info, remove the image/table (esp if they are describing the same thing)
* Avoid having too many paragraphs
* Every short term needs to be defined in the intro prior usage (such as DIP for deep image prior)
* Avoid vagueness and redundancy
* No using citation [x] to be the subject of the sentence, author/model name needs to be used with the citation
* Verbs should be mostly in past tense

**Abstract**

* This section mentions a brief summary and generally finish with describing the final results
* Needs to emphasize key strength of the model
* Last few sentences needs to elaborate the experimental results, whether it is favorable, etc. compared to SOTA

**Intro**

* Mention disadvantages of other methods in intro as motivation
* Do not to explain mechanisms/methods in intro => save it for proposed method section
* Only use bullet point for 3 contributions, no bullet points if only 2 contributions or less
* If you want to use a simplified architecture image (teaser arch image), it should on the first page (and it should show arch comparison with other methods)
* No Mathematical Notations/equations

**Related Work**

* Sub-titles and content should be in parallel related to describing methods
  + Such as【Traditional，CNN，Transformer】instead of【Traditional，ResNet，Atmospheric Model】
* Try to Avoid mathematical Notations (usually these belong to methods section)
* The goal is to provide background of this field and reference related paper to better describe our paper

**Methods**

* Match subscript and superscript with the equations
  + ensure they are logical and consistent across equations
* Latex might not show “ properly, ` ` can be used for “ if latex translates “ to ”
  + period and comma needs to be inside quotes
* Places all lambda’s together, first lambda is normalized
  + Example: do “λ1 \* A + 1.5λ2 \* B” instead of “2λ1 \* A + 3λ2 \* B”
* Need to elaborate every single step (even including gaussian sampling)
* Emphasize what the designs and contributions are
  + Architecture, Loss function, input, output, every operation needs to be elaborated
* Description/intro for the method should come in the beginning of methods
* Be descriptive for the architecture figure in its description

**Results**

* In top journal/conference, weakness of every method that was compared in quantitative results needs to be described in the text of experimental results
* Conclude with describing your method’s results gain and effectiveness in experimental results
* Describe quantitative experimental results (why our method isn't the best or only comparable in some area if such occurs)
* Elaborate advantages of our method on qualitative results
  + Ex: If the paper is about deraining, then which part of which image in the figure showed our model is better at removing rain
* Qualitative results need to be good and usually best or at least second best.
  + Failing to achieve this generally means paper will be rejected unless the method is very novel, but then the method’s advantages and novelness will need to be highlighted
* Remove underperforming metrics that aren't popular/common (ex: underperformed in NIQE)
* Any labels/categories used to categorize methods in quantitative results table needs to be obvious and clearly defined in intro

**Conclusion**

* No references allowed

**References**

* Use reference.bib journal/conference/book name templates for naming consistency
* Each citation should only have: Title, author, journal/book, year

**Reply Letter**

* If it isn’t the paper’s first submission, please first check previous submission for figures and tables that may answer the reviewer's questions.
* If editing changes are requested by the reviewers, changes need to be highlighted, and there should be re-edits all across the revision (to show revision effort).
  + Sentences can be rewritten/reworded if necessary

**Tips**

* When trying to reduce paper length, removing excess white space from top and bottom of figures can help

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中文版本 （10月22号2024更新)：

文章整体 （overall）

1. 所有用的术语和符号一定要一致，统一
2. 每个段落之间都要语句通顺，建立好关系。每段落的结束语句要跟下段落有些关联
   1. 如果考虑一下你是读者的话会感觉怎么样
   2. 每个段落之间都要有过渡（Transition）
3. 专注每个段落的逻辑性和一致性，语句要合理，用过的术语代表的要一致
4. 仔细检查符号代表，每个符号一定要在文本中定义
5. 如果表格（table）/图片（figure）没有提供更多相关信息，请移除图片/表格（特别是如果两个图描述的是相同的事物）
   1. 加了的图标或表格一定要在文章中有在文本中描述
6. 尽量避免段落数量太多，描述同一件事的段落要连在一起
7. 介绍前需要定义每个术语/符号的含义/长写
8. 避免含糊的词汇和冗余的词句
9. 不能用引用的 [x] 作为句子的开头，起码和作者姓氏或模型名字一起用
10. 默认动词应用过去式

摘要（abstract）

* 一个简要的总结，需要在摘要末处简要地描述实验结果
* 要强调方法的特点，长处
* 最后几句要强调，相比其他研究的结果，这研究的实验结果

引言（intro）

* 引言中要提及其他方法的缺点来作为动机
* 引言中不要仔细地解释所用的技术/方法=> 关于方法的描述和方程等请写在给文章中“方法”的部分
* 如果想用项目符号，要列举3个贡献，如果只有2个贡献则不能用项目符号
* 如果存在简化的架构图，应放在第一页上（图中要跟其他方法的架构作比较）
* 引言中不能有数学符号/方程式

相关论文（related work）

* 相关论文部分的每个小标题要是同级别的
  + 譬如说小标题应是：【Traditional，CNN，Transformer】，而不是：【Traditional，ResNet，Atmospheric Model】
* 尽量在相关论文中避免使用数学符号/方程式（尽量留给“方法”的部分）
* 不表示描述这区域的背景，描述相关的论文来在方法部分中更好地描述我们的论文

方法 （proposed method）

* 每个方程的下标和上标用法要一致
  + 确保它们在每个方程中都是合乎逻辑并且一致的
* Latex中现实左双引号可能会有些问题，这种情况可以用 ` ` 来代替 “
  + 句点和逗号需要放在引号内: 是“Hello.” 而不是 “Hello”.
* 将所有的 lambda 放在一起，第一个 lambda 要进行归一化
  + 例子：λ1 \* A + 1.5λ2 \* B 而不是 2λ1 \* A + 3λ2 \* B
* 每一步需要详细说明（甚至包括高斯采样之类的步骤）
* 强调您的设计和贡献是什么
* 架构，损失函数（Loss），输入，输出，每个操作都需要详细说明
* 方法的描述/介绍应该在论文方法部分的开头

结果 （experimental results）

* 如要把论文投注到顶级期刊/会议的话，需要在结果文章中描述所有其他有提起过的论文的弱点
* 文章结果部分总结时，要描述结果的增益和效果
* 清楚描述实验的结果，特别如果我们的方法效果不是最好的时候
  + 为什么我们的方法不是最好的？
* 定性结果（qualitative results）图中，我们要描述我们的方法在定性结果上的长处
  + 如果是除雨的话，哪一个图里哪一个地方我们除得比别人好，怎么好法
* 拟议的方法出来的定量结果要好，通常要求技术水平中相比最好或第二好的
  + 未能达到这一点通常意味着论文将被拒绝，除非该方法非常新颖，那么新颖性和方法的优势与特点需要特别描述好/注明！
* 如果在某个度量标准上，定量结果不太好，但这个度量标准不是太常见/受欢迎，就可以把它删掉，不要显示在定量结果表格上（如NIQE）
* 在定量结果表格中给不同论文的分类的标签/类别要在引言中提过/明确定义

结论 （conclusion）

* 结论里不能有引用
  + 例如：是 “Previous work has shown” 而不是 “Previous work by Peng \etal~\cite{x}”

参考文献 （References）

* 使用 reference.bib 的模板来做期刊/会议/书名的引用，以确保期刊/会议/书名命名的一致性
* 每个参考文献应只有：标题，作者，期刊/书名，年份

审稿后的回复

* 如不是第一次投稿，在做审稿人要求的实验之前，先查看先前的稿是否有所要的东西
* 如果审稿人要求在文章上编辑更改，所作的更改需要用红色字，并要在整篇论文上加一些修改（为留下 “我们很认真地对待您的建议，所有整篇文章都修改了！” 的印象）。有必要时可以重写没有问题的词句。

建议：

* 如果论文过长，要缩短论文时，可以删除所有图片顶部和底部的多余空白

如有任何问题，可以随时联系我：

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