View Meta-Reviews

Paper ID
11436

Paper Title
Derivative Manipulation for General Example Weighting

META-REVIEWER #1

META-REVIEW QUESTIONS

3. [Meta-review] Consolidation report explaining the decision for the paper based on reviews, rebuttal and discussion with reviewers and AC-triplet
The paper was reviewed by three experts in the field. The paper received diverging recommendations in the initial and final rounds. Some concerns raised, such as applicability to the computer vision community and competitiveness with respect to state-of-the-art were well addressed in the rebuttal. The AC agrees with the authors that there is value in reporting a general purpose method (that goes beyond computer vision applications) even if it does not currently beat state-of-the-art. However, there are several other concerns that still remain. While two of the reviewers found the paper well written, I agree with the third reviewer that the writing could be improved. The abstract, in particular, is poorly written and the paper does not flow easily. More importantly, there are concerns around novelty and supporting claims (see the third reviewer's comments). Last, while the reviewers appreciate the unified treatment that gradient manipulation brings, the result is that the model is being optimized with respect to a different loss function and the paper does not explicitly make clear what this modified loss function/objective is. After careful reading of the paper, consideration of the reviews and rebuttal, and discussion amongst the area chairs, the final recommendation is to reject the paper in its current form and encourage the authors to resubmit a clearer manuscript that addresses the current concerns to a future conference.

META-REVIEWER #2