Peer review of Spatial Interpolation Article – 10/26
Peer review for Amanuel Godefa
Group 10

● Please check spelling of words. 'Colleted'
● Second sentence in definition should be revised to make it more readable.
● Not sure what you mean by “This helps us to discrete data....”
● The note on the infinity symbol is interesting, but may not be relevant enough to this topic to warrant commenting on it.
● Are there any examples of how the formulas used have evolved for interpolation since the early developments? (More complicated models?)
● Third paragraph in Historical Background: “Interpolation method can be applied indifferent measurements...” Are they indifferent or in different?
● Last paragraph in Historical Background “This is knows as positive spatial...” should be “This is known as positive spatial...”
● Is there any information about recent advances in interpolation methods? Any improvements that have happened with the use of computers?
● Do you have any articles that could be read that describe the different types of Interpolators. While detail may not be called for in this article, if you have some references or could expand on the different methods used, this would be beneficial for the person reading the information.
● The transition between the second and third paragraphs do not allow for easy following. Consider making a better bridge between these two things. The last part of the paragraph may be better suited in the scientific background for requirements of interpolation. This may not all fit there, but some of the information seems more general than an application.
● Some of the key applications appear to be explaining more methods of interpolation, which don't belong in application of interpolation. Application isn't talking about the implementation of interpolation, that is a method, application is asking what is it used for. (e.g. Image Enhancements, Georegistration and georectification, image compression, etc.)
● Did you come across any problems that are known with interpolation? If so, find a way to talk about that in the future direction.
● Use a more formal style of recommended readings (it should be a citation style so that it can be easily found by other people.) Also consider identifying dates accessed on web material.

Overall, there appears to be a lot of work available in your paper for the scientific background even though most of it was not placed there. Consider expanding the key applications section or rewording some of those items to make them an application of interpolation, not an extension of the idea of interpolation. You also may want to build up more information on how the area has changed since it's early usage. (How have technological advances and techniques improved the field?) Also consider including some figures that can explain what interpolation is. You could show how some of the different methods interpolate a set of data to find missing data, etc.