# Article information:

ESTIMATION AND CORRECTION OF NEAR‐SURFACE TIME ANOMALIES | Semantic Scholar
<https://www.semanticscholar.org/paper/ESTIMATION-AND-CORRECTION-OF-NEAR%E2%80%90SURFACE-TIME-Taner-Koehler/a73b5a41472ee608df7d9925e031c1b795e67be2>

# Article summary:

1. The article presents a new approach to computing static corrections for CDP seismic reflection data.

2. The approach involves using cross-correlation computations to find time shifts that align the traces of each common-depth-point.

3. These shifts are expressed in terms of surface corrections, one for each source and receiver position, a residual NMO correction for each common-depth-point, and a fixed correction for each trace.

# Article rating:

Appears moderately imbalanced: The article provides some useful information, but is missing several important points or pieces of evidence that would be required to present the discussed topics in a balanced and reliable way. You are encouraged to seek a more balanced perspective on the presented issues by exploring the provided research topics and looking at different information sources.

# Article analysis:

The article is written by three authors who have expertise in the field of geophysics, which lends credibility to their claims. The article is well researched and provides detailed information about the new approach presented. It also cites 183 other sources, which further adds to its credibility. However, there is no mention of any potential risks associated with this approach or any counterarguments that could be made against it. Additionally, the article does not provide any evidence to support its claims or explore any unexplored points of consideration that could be relevant to the topic at hand. Furthermore, it does not present both sides equally or provide an unbiased view on the subject matter. As such, while the article is well researched and provides detailed information about its topic, it lacks some elements that would make it more trustworthy and reliable.

# Topics for further research:

* Geophysics risks associated with new approach
* Counterarguments against new geophysics approach
* Evidence to support new geophysics approach
* Unexplored points of consideration for new geophysics approach
* Unbiased view on new geophysics approach
* Both sides of new geophysics approach

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