



## **Is RCR among the best-kept secrets among gravimetric geoid modellers?**

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RCR is an acronym for the remove-compute-restore technique, which is used routinely by modellers of regional gravimetric geoid or quasigeoid models. Clearly, it involves removing something, performing a computation, and then restoring that something back. In this discipline, the removal and restoration stages involve different functionals of the Earth's gravity field. Quite often, RCR is only used to explain the use of a spherical harmonic model, but RCR can also be used during the treatment of topographical effects. This presentation will compare and contrast the pros and cons of the sometimes-subtle differences among RCR approaches taken by regional quasi/geoid modellers. The rhetorical answer to the question posed by the title is, hopefully, not any more.