



Weak dual residuations applied to tropical linear equations

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Résumé en anglais	An extension to an algorithm of R.A. Cuninghame-Green and K. Zimmermann for solving equations with residuated functions is presented. This extension relies on the concept of weak residuation and in the so-called "strong property". It is shown that a contextualization of this method to tropical linear equations, which will be denoted as Primal Method (in contrast with the Dual Method, another algorithm described in literature), generates a non-decreasing sequence which converges to the smallest solution in a special semimodule. It is also shown the connections of this method with previously published works.
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Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=4220](http://okina.univ-angers.fr/publications?f[author]=4220)
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