CoCoALib - Feature \#630
Add graeffe function?
25 Sep 2014 16:10 - John Abbott

| Status: | Closed | Start date: | 25 Sep 2014 |
| :--- | :--- | :--- | :--- |
| Priority: | Normal | Due date: |  |
| Assignee: | John Abbott | \% Done: | $100 \%$ |
| Category: | New Function | Estimated time: | 15.15 hours |
| Target version: | CoCoALib-0.99560 | Spent time: | 15.25 hours |
| Description |  |  |  |
| Add a new fn graeffe which transforms a polynomial into one whose roots are the squares of the root of the original polynomial. |  |  |  |
| What should it do with multivariate polynomials? |  |  |  |

## History

\#1-13 Oct 2014 20:47-John Abbott
If I recall correctly, Bini said that graeffe can also be done for polynomial systems. Right now I cannot see when it might be useful, and I'm not even sure I understand what it really is.

## \#2-17 Oct 2017 15:47-John Abbott

- Status changed from New to Feedback
- Assignee set to John Abbott
- \% Done changed from 0 to 90

Added code; doc; example.
Also made accessible to CoCoA-5.

## \#3-20 Dec 2017 15:51 - John Abbott

- Status changed from Feedback to Closed
- Target version changed from CoCoALib-1.0 to CoCoALib-0.99560
- \% Done changed from 90 to 100
- Estimated time set to 15.15 h

