

## 9 Summary of changes

Following the suggestions and questions of the referees a number of changes have been made to the paper.

- Most proofs were redesigned, in many cases following suggestions of Jaap van der Woude. Many of them are much shorter now.
- Jules Desharnais asked if the exchange laws followed from the Dedekind law. We answer this question in the positive, but point out that the Dedekind law comes in three variants in the sequential calculus. We also followed van der Woude's suggestion of using the single (asymmetric) versions of the Dedekind laws.
- Desharnais criticized our use of the word "linearity". We replaced this term with the more accurate term "local linearity".
- van der Woude expressed his regret that we had no set-level version of local linearity and says he does not believe that there might be one. We have one now, and it is a beauty!
- As a consequence, one of the laws posed as a challenge to the reader in the first draft has now been proved.
- We omitted a few of the less interesting facts and proofs concerning conditions, but added a remark on vectors (left conditions).
- We followed Desharnais' advice of putting the names of theorems better in evidence.
- We added some acknowledgements.