

1. Study proof of (14.22) in the handouts.
2. Do Exercise 14.18.
3. Prove (14.19a).
4. Prove (14.19d).
5. Prove (14.19e).
6. Prove (14.23a).
Start with the LHS and prove the (9.8) Lemma with an arbitrary ordered pair. Use the (14.20) version of relation product, not the (14.21) version. The proof is based on (8.15) Distributivity.