

Reading: Venema, Sections 8.3, 8.4, and 8.7.

Reading Report: Due Sunday, 6/1, by midnight.

Written problems: Due Wednesday, 6/4, in class.

All of these proofs, except 8.1, should be done in the context of hyperbolic geometry.

- Venema, Pages 191–192, #8.1, 8.2, 8.3, 8.7, 8.8, 8.9.
 - (DJ's PROBLEM) Suppose $\square ABCD$ is a Lambert quadrilateral whose acute angle is $\angle D$. Prove that there is a Saccheri quadrilateral that has \overline{AD} as one of its sides and \overline{BC} as its midsegment.
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Final Exam: Monday, 6/9, 8:30–10:20am, Sieg 228.

Final Portfolio: Due Wednesday, 6/11, by 5:00pm.

Write a final version of each of the two portfolio assignments from this quarter. Bring your final papers to my office, together with all copies of your previous drafts and all peer comments.