20a Surfaces with Boundary

- 20a.1 Arcs and Slicing
- 20a.2 Forest-Cotree Decompositions
- 20a.3 Cut Graphs and Systems of Arcs
- 20a.4 Tree-Coforest Decompositions and Systems of Coarcs
- 20a.5 References
- 20a.6 Aptly Named Sir
 - Pants decompositions (except possibly in passing)