Covered so far.

1. Section 21 – Average case of optimization problems.
2. Section 11.6 – Randomised rounding.
3. Section 22 – Smoothed Analysis.
4. Section 1.3 – Column Generation.
5. Section 1.4 – Ellipsoid algorithm.
6. Section 4 – Stable Matching.
7. Section 8.4.1 – The Matroid Polyhedron.
8. Section 19.3.1 – Fractional Linear programming.
9. Section 19.3.2 – Geometric Programming.
10. Section 20 – Lagrangean relaxation.