

This problem sheet is about difficult computational problems [1].

1. Explain the subset sum problem, and the brute-force approach to solving it.
2. Explain the PRIMES problem.
3. Explain the INTFAC problem.
4. Explain the SAT problem.
5. Explain the 3-SAT problem.

References

- [1] Michael Sipser. *Introduction to the Theory of Computation*. International Thomson Publishing, 3rd edition, 1996.