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**How to share a secret.**

Vöcking, Berthold (ed.) et al., Algorithms unplugged. Berlin: Springer (ISBN 978-3-642-15327-3/hbk; 978-3-642-15328-0/ebook). 159-168 (2011).

Summary: This chapter deals with cryptographic methods for sharing information. For example, a gang of pirates can share a treasure map in such a way that all pirates must meet in order to find the treasure, or a group of three bank clerks can share a code for a safe in such a way that it is necessary and sufficient for opening the safe if any two of the three clerks combine their codes.

*Classification:* P50 P20 R20

*Keywords:* secret sharing; information theory; cryptography

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