

Cryptography and Data Structures: A Match Made in Heaven

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Abstract

The developments of cryptography and complexity theory often go hand in hand. In this talk I will survey the connection of cryptography with a different area of computer science: data structures. There are numerous cases where developments in one area have been fruitfully applied in the other. Early examples include Hellman's Time/Space Tradeoffs from 1980 and there are developments to this day.