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Christof Paar · Jan Pelzl *Understanding Cryptography A Textbook for Students and Practitioners* Foreword by Bart Preneel 123. Prof. Dr.-Ing. Christof Paar Chair for Embedded Security Department of Electrical Engineering and Information Sciences Ruhr-Universität at Bochum 44780 Bochum Germany

Understanding Cryptography: A Textbook for Students and ...

Christof Paar has the Chair for Embedded Security at the University of Bochum, Germany, and is Adjunct Professor at the University of Massachusetts at Amherst, USA. Prof. Paar has taught cryptography for 15 years to engineering and computer science students in the US and in Europe, and he has taught many industrial practitioners at

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Understanding Cryptography by Christof Paar and Jan Pelzl ...
Christof Paar. Christof's research interests include highly efficient software and hardware realizations of cryptography, physical security, penetration or real-world systems, hardware security and cryptanalytical machines; he also works on real-world applications of embedded security for the Internet of Things, e.g. in cars, consumer devices and RFIDS.

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Chapter 1 of Understanding Cryptography by Christof Paar and Jan Pelzl
Symmetric Cryptography • Encryption equation • Decryption equation $y = e_K(x)$ $x = d_K(y)$ • Important: The key must be transmitted via a secure channel between Alice and Bob. • The secure channel can be realized, e.g., by manually installing the key for the Wi-Fi

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Understanding Cryptography: A Textbook for Students and Practitioners.
Christof Paar. After an introduction to cryptography and data security, the authors of this book explain the main techniques in modern cryptography. The book is uniquely designed for students of engineering and applied computer science, and engineering practitioners.

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Christof Paar has the Chair for Embedded Security at the University of Bochum, Germany, and is Adjunct Professor at the University of Massachusetts at Amherst, USA. Prof. Paar has taught cryptography for 15 years to engineering and computer science students in the US and in Europe, and he has taught many industrial practitioners at organizations such as Motorola, Philips and NASA. He has more than 100 publications in applied cryptography and is a cofounder of the Workshop on Cryptographic ...

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