

The personnummer used is 198809207841

The approach to receive the decrypted message "The true sign of intelligence is not knowledge but imagination. - Albert Einstein" was to loop through the encrypted text per 12 bytes at the time to first recover the IV, then the key and then the entire message iteratively decrypt each C_i . The formula used is $C_i = K (+)(M_i (+) C_{i-1})$ where (+) represents XOR.