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Chris Christensen* (christensen@nku.edu), Department of Mathematics and Statistics,
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historical viewpoint*. Preliminary report.

Algebraic ideas are now commonly used for encryption and decryption. But algebraic ideas were less visible in cryptology prior to 1976 – the date of the Diffie-Hellman paper. We will consider some cases where – over the 2000 plus years of cryptological history – the germs of algebraic ideas can be noticed. (Received September 22, 2009)