1020-01-75   **Chris Christensen*** (`christensen@nku.edu`), Department of Mathematics, Northern Kentucky
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Mathematics and cryptology developed along different paths, but, from time to time, those paths have intersected —
when, for example, mathematicians have been cryptologists or when mathematical ideas have been applied to cryptology.
In particular, since the 1976 Diffie-Hellman paper and the development of public-key cryptology, some unexpected areas
of mathematics have found applications in cryptography and in cryptanalysis. We will consider several times over the
last 500 years where mathematics and cryptology have intersected. (Received August 15, 2006)