A realization about RSA ep system

Based on the Eular theorem, RSA use some mathematical transformation to ep some data message. It can also be used for digital signature and identity authentication. This algorithm is presented by three young professor from MIT in 1977, and named by their last name, Rivest, Shamir and Adlernan. A fact in number theory field is that though compute the product of two large number is simple, it is extremely hard to factor it back into the primes. Compare with Diffie-hellman algorithm, RSA have the obvious superiority because the pair don’t have to involve in the ep process at the same time. Others, it is suit for electronic mail system.